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1989
Jan-Mar

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

NIH LIBRARY

Announced during
January, February, March 1989

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

May 1989

LIBRARY

AUG 02 1989

National Institutes of Health

PREPARED BY
J. S.
NATIONAL INSTITUTES OF HEALTH
DIVISION OF RESEARCH GRANTS
INFORMATION SYSTEMS BRANCH

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ACTIVITY CODES

C06	CANCER RESEARCH FACILITIES (NCI)	R01	RESEARCH PROJECT GRANTS--TRADITIONAL
D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	R10	COOPERATIVE CLINICAL RESEARCH
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	R18	RESEARCH DEMONSTRATION AND DISSEMINATION PROJECTS
F05	INTERNATIONAL FELLOWSHIPS (NCI)PS (FIC)	R15	ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA)
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)	R21	EXPLORATORY/DEVELOPMENTAL GRANTS
F07	FOGARTY INTERNATIONAL SCHOLARSHIPS (FIC)	R22	U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
F15	FRENCH SWEDISH POSTDOCTORAL FELLOWSHIPS	R23	YOUNG NEW AND SPECIAL INVESTIGATOR AWARDS
F20	PREDOCTORAL INDIVIDUAL NATIONAL RES. SERVICE AWD.	R24	RESOURCE-RELATED RESEARCH PROJECTS (DRR)
F31	POSTDOCTORAL INDIVIDUAL NAT'L. RES. SERVICE AWD.	R25	EDUCATION PROJECTS
F32	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS	R26	NATIONAL ORGAN SITES PROJECT (NCL) OR AWARDS
F33	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)	R29	FIRST INDEPENDENT RESEARCH SUPPORT AND TRANSITION (FIRST) AWARD
F34	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)	R35	OUTSTANDING INVESTIGATOR GRANTS
F36		R43	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I
G07	RESOURCES IMPROVEMENT GRANT (NLM)	R44	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
G08	RESOURCES PROJECT GRANT (NLM)	S03	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (DRR)
G12	RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD	S06	MINORITY BIOMEDICAL SUPPORT-MBS (DRR)
G20	GRANTS FOR REPAIR, RENOVATION AND MODERNIZATION OF EXISTING RESEARCH FACILITIES	S07	BIOMEDICAL RESEARCH SUPPORT GRANT (DRR)
K01	RESEARCH SCIENTIST DEV. AWARD--RES. AND TRAINING	S08	BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (DRR)
K04	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD	S10	MINORITY BIOMEDICAL RES. SUPPORT THEMATIC PROJECT GRANTS (DRR)
K07	ACADEMIC INVESTIGATOR AWARDS	S11	MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR
K08	CLINICAL INVESTIGATOR AWARD	S14	UNDERGRADUATE COLLEGES (DRR)
K10	SPECIAL SCIENTIFIC PROJECTS (NLM)	T32	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
K11	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	T34	MARC UNDERGRADUATE NRSA INSTITUTIONAL GRANTS TRAINING
K12	PHYSICIAN SCIENTIST AWARD (PROGRAM)		
K14	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD		
M01	GENERAL CLINICAL RESEARCH CENTERS (DRR)	U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
K08		U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)
K11		U26	ORGAN SYSTEM COORDINATING CENTER (COOPERATIVE AGREEMENTS)
K12		U41	BIOTECHNOLOGY RESOURCES (COOPERATIVE AGREEMENTS)
K14		U50	SPECIAL COOPERATIVE HEALTH INVESTIGATIONS AND ASSESSMENTS
			OF CONTROL AND PREVENTION METHODS
N01	RESEARCH AND PROJECT CONTRACTS		
N43	SMALL BUSINESS INNOVATION RESEARCH (SBIR)--PHASE I		
P01	RESEARCH PROGRAM PROJECTS		
P20	EXPLORATORY GRANTS		
P30	CENTER CORE GRANTS		
P40	ANIMAL RESOURCE GRANT PROGRAM (DRR)		
P41	BIOTECHNOLOGY RESOURCE GRANT PROGRAM		
P50	SPECIALIZED CENTER		
P51	PRIMATE RESEARCH CENTER GRANTS (DRR)		
P60	COMPREHENSIVE CENTER		

SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AR	NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
CA	NATIONAL CANCER INSTITUTE
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	DIVISION OF CANCER PREVENTION AND CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER ETIOLOGY
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
DK	NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL INSTITUTE EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
HB	DIVISION OF BLOOD, DISEASES AND RESOURCES
HC	DIVISION OF EPIDEMIOLOGY AND CLINICAL APPLICATIONS
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLBI
HR	DIVISION OF LUNG DISEASES
IM	DIVISION OF HEART AND VASCULAR DISEASES
OD	NATIONAL LIBRARY OF MEDICINE
DS	DIVISION OF SAFETY
NR	NATIONAL CENTER FOR NURSING RESEARCH
NS	NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

NIH GRANTS AWARDED DURING JANUARY, FEBRUARY, & MARCH BY ADMINISTERING INSTITUTE

RESEARCH GRANTS*	RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
AG	21	4,201,352	1	53,726	0	0	0	0
AI	103	16,967,121	5	286,352	3	1,371,419	0	3
AR	24	2,979,198	0	0	0	0	6	165,500
CA	91	13,635,541	3	167,063	0	0	4	89,000
CN	0	0	0	0	11	3,618,132	0	0
CN	0	0	0	0	1	459,220	0	0
CO	0	0	0	0	2	2,877,665	0	0
CP	0	0	0	0	5	1,276,048	0	0
DE	24	3,190,142	2	136,377	1	129,679	0	5
DK	56	7,990,789	5	356,139	5	246,793	0	19
ES	6	971,602	0	0	7	2,583,343	0	5
EY	33	3,556,187	1	50,269	1	358,069	0	11
GM	192	23,124,139	1	52,358	0	6	424,030	23
HB	0	0	0	0	3	2,920,131	0	0
HC	0	0	0	0	1	630,572	0	0
HD	59	8,728,682	3	167,468	0	0	0	169,519
HL	106	22,340,713	12	794,961	0	0	0	342,750
HO	0	0	0	0	1	112,834	0	0
HV	0	0	0	0	1	1,243,130	0	0
LM**	2	37,732	0	0	1	542,000	0	0
MR	9	1,103,222	1	64,800	0	0	0	262,531
NS	109	14,552,817	8	476,655	1	117,082	0	40
OD	0	0	0	0	1	230,000	0	0
RK***	87	7,138,130	0	0	2	935,000	0	0
TW	0	0	0	0	0	0	0	999,672
Total	922	130,516,767	42	2,606,168	47	19,651,117	6	424,030
							193	4,548,656

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

** INCLUDES 3 GRANTS AND 11,995 DOLLARS FOR MEDICAL LIBRARY GRANTS

*** INCLUDES 3 GRANTS AND 1,694,484 DOLLARS FOR CONSTRUCTION GRANTS

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS AWARDED

ALABAMA BIRMINGHAM	UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM		148,950
	1R29 AI25640-01A2	DYBVIK, KEVIN F	
	1R01 EY07558-01A1	GAMLIN, PAUL D	
	1R01 DK40117-01A1	JACKSON, SUSAN	
	1R01 GM39344-01A1	KISSIN, IGOR	
	1R01 NS27353-01	RODEN, LENNART	
	INSTITUTION TOTAL	5	
	CITY TOTAL	5	
		638,157	
		638,157	
MOBILE UNIVERSITY OF SOUTH ALABAMA	LUNG EPITHELIAL DEVELOPMENT-MOLECULAR APPROACH		3,000
	1R01 HL42330-01	FUNKHOUSER, JANE D	
	INSTITUTION TOTAL	1	
	CITY TOTAL	1	
NORMAL ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM		3,000
	1S03 RR03497-01	KALE, PURUSHOTTAM G	
	INSTITUTION TOTAL	1	
	CITY TOTAL	1	
TUSCALOOSA STILLMAN COLLEGE	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM		3,000
	1S03 RR03493-01	SINGH, JARNAIL	
	INSTITUTION TOTAL	1	
	CITY TOTAL	1	
STATE TOTAL	793,107		12,117
ALASKA FAIRBANKS UNIVERSITY OF ALASKA SYSTEM--UNIVERSITY OF ALASKA FAIRBANKS	BIOMEDICAL RESEARCH SUPPORT GRANT		12,117
	1S07 RR07254-01	PROENZA, LUIS M	
	INSTITUTION TOTAL	1	
	CITY TOTAL	1	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER
STATE TOTAL 1 12,117AIRCRAFT
FLAGSTAFF
NORTHERN ARIZONA UNIVERSITY
1R15 HL42593-01 MARKLE, RONALD AINSTITUTION TOTAL 1 96,890
CITY TOTAL 1 96,890AORTIC WALL SUBSTANCE P AND PERMEABILITY
96,890PHOENIX
ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER
1R01 NS26375-01A1 SCHWARTZ, ANDREW BINSTITUTION TOTAL 1 183,442
CITY TOTAL 1 183,442

183,442

TUCSON
UNIVERSITY OF ARIZONA
1R01 CA48450-01A1 BRADEN, CARRIE JO
1R01 HL39795-01A2 BURT, JANIS M
1R01 CA49261-01 DALLAS, WILLIAM J
1R01 GM43046-01 GILLIES, ROBERT J
1R01 ES04995-01 HALPERT, JAMES R
1S10 RR04746-01 MCCUSKEY, ROBERT S
1R13 CA50148-01 TRENT, JEFFREY M
1S03 RR03513-01 VAN ORT, SUZANNE R
1S03 RR03495-01 WELLS, MICHAEL A
1R01 CA46640-01A1 WILLIAMSON, JEFFREY F

INSTITUTION TOTAL 10 2,101,216
CITY TOTAL 10 2,101,216

STATE TOTAL 12 2,381,548

NURSE INTERVENTION PROMOTE SELF HELP RESPONSE TO CANCER
429,948
MICROIRCULATORY INJURY DURING MYOCARDIAL PRESERVATION
141,286
DEVELOPMENT AND CHARACTERIZATION OF A VIEWING CONSOLE
792,468
NMR ANALYSIS OF CATIONS AND THE PROLIFERATIVE RESPONSE
146,518
GENES FOR PCB-DETOXIFYING CYTOCHROMES P-450
148,575
ELECTRON MICROSCOPE FACILITY
337,000
THIRD WORKSHOP - CHROMOSOMES IN SOLID TUMORS
10,000
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM
3,000
MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM
3,000
HETEROGENEITY CORRECTIONS IN BRACHYTHERAPY DOSIMETRY
89,421

ARKANSAS
LITTLE ROCK
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK
1R29 AI26629-01A1 BURKS, ARVIL W JR
1R01 GM41694-01 CALDWELL, FRED T
1R01 AI27284-01 CRAWFORD, JACK T

73,023
153,728
62,727

ALLERGENICITY OF MAJOR COMPONENT PROTEINS OF SOYBEAN
ETIOLOGY AND CONTROL OF POSTBURN HYPERMETABOLISM
M TUBERCULOSIS GENOME STRUCTURE AND REPEATED SEQUENCES

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

ARKANSAS

LITTLE ROCK
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK
1S10 RR04636-01 GILMORE, SHIRLEY A

162,000

INSTITUTION TOTAL 4 451,478
CITY TOTAL 4 451,478
STATE TOTAL 4 451,478

CALIFORNIA
BERKELEY

CALIFORNIA PUBLIC HEALTH FOUNDATION
1R29 AG08387-01 COHN, BARBARA A

68,410

INSTITUTION TOTAL 1 68,410
UNIVERSITY OF CALIFORNIA AT BERKELEY
1R01 A127853-01 GOODENOW, ROBERT A

1R01 GM41911-01 HEARST, JOHN E
1R01 HD25594-01 KELLER, RAYMOND E
1R01 GM41679-01 SCHULTZ, PETER G
1R01 NS27177-01 TSIEN, ROGER Y

139,661

DYNAMICS OF DNA MOTION AT PHYSIOLOGICAL CONCENTRATIONS
TISSUE INTERACTIONS CONTROLLING XENOPUS NEURULATION
GENERATION OF SEQUENCE SPECIFIC NUCLEASES
DYNAMICS OF IONIC MESSENGERS IN NEURONS

269,400

119,711
140,123
306,575

AGE, SEX & SURVIVAL-STABILITY OF ASSOCIATIONS

68,410

INSTITUTION TOTAL 5 975,470
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY
1R01 CA49562-01 CHU, WILLIAM T

711,925

INSTITUTION TOTAL 7 711,925
CITY TOTAL 7 1,755,805

DAVIS

UNIVERSITY OF CALIFORNIA AT DAVIS
1R29 EY08120-01 ISHIDA, ANDREW T
1R01 HL40296-01A1 KRAMER, GEORGE C
1R01 CA50179-01 PEDERSEN, NIELS C
1R01 GM42178-01 TYLER, BRETT M

INSTITUTION TOTAL 4 641,740
CITY TOTAL 4 641,740

PHARMACOLOGY AND PHYSIOLOGY OF RETINAL GANGLION CELLS
PHYSIOLOGICAL MECHANISMS OF HYPERTONIC RESUSCITATION
INCIDENTAL INFECTIOUS DISEASES AS COFACTORS
CO-REGULATION OF N. CRASSA RIBOSOMAL RNA & PROTEIN GENES

70,331

128,466

292,930

150,013

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOOLLARS AWARDED
CALIFORNIA			
DUARTE BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE 1R01 NS27173-01	HAMMERSCHLAG, RICHARD	FAST AXONAL TRANSPORT AND NEURONAL ACTIVITY	78,694
INSTITUTION TOTAL	1	78,694	
CITY OF HOPE NATIONAL MEDICAL CENTER 1R01 CA51189-01	SAPARETO, STEPHEN A	QUANTITATIVE EVALUATION OF CLINICAL HYPERHERMIA	119,030
INSTITUTION TOTAL	1	119,030	
PHRASOR SCIENTIFIC, INC. 1R43 RR05079-01	MAHONEY, JOHN F	NEW TECHNOLOGY FOR IMPROVING HIGH MASS ION DETECTION	49,903
INSTITUTION TOTAL	1	49,903	
CITY TOTAL	3	247,627	
EMERYVILLE			
CHIRON CORPORATION 1R43 GM42280-01	MARCUS, FRANK	PURIFICATION OF A PROHORMONE PROCESSING PROTEASE	49,715
INSTITUTION TOTAL	1	49,715	
CITY TOTAL	1	49,715	
HAYWARD			
CALIFORNIA STATE UNIVERSITY HAYWARD 1R15 HD25689-01	BENSON, STEPHEN C	MICROENVIRONMENT AND PRIMARY MESENCHYME GENE EXPRESSION	101,105
INSTITUTION TOTAL	1	101,105	
CITY TOTAL	1	101,105	
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE 1R01 AI28196-01	BERMAN, MONIQUE A	PATHOGENESIS OF AIDS--ROLE OF MONOKINES	140,123
1R01 NS27056-01	BRIDGES, RICHARD J	EXCITOTOXICITY--ROLE OF NON-NMDA RECEPTORS	101,060
1R01 NS27320-01	COTMAN, CARL W	PLASTICITY IN THE DEVELOPING LIMBIC SYSTEM	143,325
1R01 HI42412-01	HENSCHEN, AGNES H	FIBRINOGEN VARIANT--STRUCTURE AND FUNCTION	246,087
1P01 HD24236-01A1	LEON, MICHAEL A	NEUROBIOLOGY OF EARLY LEARNING	489,802
1R29 HL42435-01	MOLLOJ, SABEE	QUANTITATIVE CORONARY ANGIOGRAPHY BY DUAL ENERGY DSA	89,154
1R01 AI28214-01	SANDBORG, CHRISTY IRENE	ROLE OF MONOKINES IN B CELL ABNORMALITIES IN AIDS	131,049
INSTITUTION TOTAL	7	1,340,600	
CITY TOTAL	7	1,340,600	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

CALIFORNIA

LA JOLIA MEDICAL BIOLOGY INSTITUTE

1R01 AI 26950-01A1 MESCHER, MATTHEW F
1R01 DK41214-01 MULLER-SIEBURG, CHRISTA E

INSTITUTION TOTAL 2 369,504

SCRIPPS CLINIC AND RESEARCH FOUNDATION
1S10 RR04850-01 GILULA, NORTON B
1R01 CA50151-01 NELSON, JAY A
1R01 DK40751-01 SINGER, PAUL A
1R01 DK40218-01A1 YU, JOHN C

INSTITUTION TOTAL 4 636,106

UNIVERSITY OF CALIFORNIA AT SAN DIEGO
1R01 NS25517-01A1 BATES, ELIZABETH A
1R01 GM41804-01 BRENNER, DAVID A
1R01 HL41307-01A1 BRUNTON, LAURENCE L
1R01 EY08167-01 CLEVELAND, PATRICK H
1R01 DK40950-01 FANESTIL, DARRELL D
1R29 GM41984-01 HARVEY, DANIEL F
1R01 HL39851-01A1 HEMPLEMAN, STEVEN C
1R01 HL42813-01 LELIA, VIJAYA M
1R01 GM42340-01 MONTAL, S MAURICIO
1R01 GM41637-01 OKAMURA, MELVIN Y
1R29 HL42617-01 ROSENFIELD, MICHAEL E
1S10 RR04909-01 SINGER, S JONATHAN
1R13 AI27197-01 SPECTOR, DEBORAH H
1R01 AI28270-01 SPECTOR, STEPHEN A
1R01 NS27417-01 WILEY, CLAYTON A

INSTITUTION TOTAL 15
CITY TOTAL 21

2,097,416
3,103,026

TRANSMEMBRANE SIGNALLING IN CTL
ISOLATION OF HEMATOPOIETIC AND STROMAL CELL PRECURSORS

FREEZE-ETCH/ROTARY SHADOWING INSTRUMENTATION
TRANSGENIC MODEL FOR HIV/OPORTUNISTIC INTERACTIONS
T CELL RECEPTOR GENES IN AUTOIMMUNE DIABETES
ROLE OF INHIBIN AND FRP PROTEINS IN ERYTHROPOEISIS

GRAMMATICAL ABILITIES IN ALZHEIMER'S DISEASE
ROLE OF TNF IN THE IMPAIRED WOUND HEALING OF CACHEXIA
CYCLIC AMP METABOLISM IN CARDIAC MYOCYTES
MURINE MODEL OF IMMUNOSUPPRESSION INDUCED CMV RETINITIS
RAPID REGULATION OF THIAZIDE ACTION
SYNTHESIS AND STUDY OF TUMOR PROMOTERS & INHIBITORS
DISCHARGE PATTERNS OF CAROTID BODY CHEMORECEPTORS
THROMBOSIS IN MALIGNANCY: ROLE OF TISSUE FACTOR
MOLECULAR ACTION OF LOCAL ANESTHETIC ON CHANNEL PEPTIDES
QUINONE BINDING SITES IN BACTERIAL REACTION CENTERS
HETEROGENEITY OF ARTERIAL MACROPHAGE DERIVED FOAM CELLS
TRANSMISSION ELECTRON MICROSCOPE
SECOND INTERNATIONAL CYTOMEGALOVIRUS WORKSHOP
MOLECULAR INTERACTION OF HIV HCMV
MURINE RETROVIRAL INFECTION OF THE NERVOUS SYSTEM

LAFAYETTE
LC RESOURCES, INC.
1R43 GM42332-01
INSTITUTION TOTAL 1
CITY TOTAL 1

48,661
48,661
48,661
48,661

COMPUTER PROGRAM FOR GC METHOD DEVELOPMENT

48,661

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOOLLARS AWARDED
CALIFORNIA LONG BEACH CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LONG BEACH	IR15 GM42064-01 LOPEZ, MARCO A IR15 GM41949-01 MERRIFIELD, MARGARET L IR15 GM42214-01 SANDERS, BRENDA M	NONLINEAR DECOMPOSITION OF HEME UV-VIS SPECTRA REGULATION OF PROTEIN PHOSPHORYLATION BY POLYAMINES STRESS PROTEINS AND Elevated TEMPERATURES	69,200 102,376 70,000
INSTITUTION TOTAL CITY TOTAL	3	241,576	241,576
LOS ANGELES CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT NORTHRIDGE	IR15 GM42153-01 MILLER, DAVID A	DEVELOPMENT OF A 118TE/118S/B RADIONUCLIDE GENERATOR	94,366
INSTITUTION TOTAL	1	94,366	
CEDARS-SINAI MEDICAL CENTER		ACTIONS OF PARATHYROID HORMONE-LIKE HUMAN TUMOR FACTOR	
IR01 CA50906-01 HORIUCHI, NOBORU IR01 HL42020-01 MADDAHII, JAMSHID		THROMBUS IMAGING BY RADIOLABELED MONOCLONAL ANTIBODIES	
INSTITUTION TOTAL	2	320,477	
CHILDREN'S HOSPITAL OF LOS ANGELES		REGULATION OF NEUROBLASTOMA DIFFERENTIATION IN CULTURE	
IR01 NS25795-01A2 BOGENMANN, EMIL IR29 GM39436-01A2 JONG, AMBROSE Y		MECHANISM OF ACTION OF YEAST CDC8 PROTEIN IN DNA REPLICA	
INSTITUTION TOTAL	2	276,292	
INDIVIDUAL AWARD--MORANTZ-SANCHEZ, REGINA		LIBEL TRIAL OF A WOMAN SURGEON	
IR01 LM04686-01A1 MORANTZ-SANCHEZ, REGINA A			14,400
INSTITUTION TOTAL	1	14,400	
INTERMAC IR43 HD25316-01	MOODY, CORNELIUS T	BASIC PROGRAMMING SYSTEM FOR THE DISABLED	36,000
INSTITUTION TOTAL	1	36,000	
J DAVID GLADSTONE FOUNDATION		LIPOPROTEIN STRUCTURE/FUNCTION IN CHOLESTEROL METABOLISM	
IP01 HL41633-01 MAHLEY, ROBERT W			1,590,647
INSTITUTION TOTAL	1	1,590,647	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES IR01 HL42636-01 BARRETT, JACK D		DOPAMINERGIC CONTROL OF TISSUE RENIN	120,492

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1R01 DE09178-01 1R01 NS25797-01A2 1R01 AI27451-01 1S03 RR03502-01 1R13 AG08397-01 1R13 AI28033-01 1R13 AI28024-01 1R13 DK41558-01 1R29 AI27857-01 1R01 GM41592-01 1R01 EY07860-01 1R29 GM42143-01 1R29 DK40064-01A1 1S07 RR06014-01	BERTOLAMI, CHARLES N BUCKMAN, TRENT D DASGUPTA, ASIM EISERLING, FREDERICK FOX, C FRED FOX, C FRED FOX, C FRED FOX, C FRED JOHNSON, PATRICIA JEAN JUNG, MICHAEL E LOLLÉY, RICHARD N MERCHANT, SABEEHA OLSON, CALVIN E PADILLA, GERALDINE V	HYALURONATE CATABOLISM IN OROFACIAL SCARRING FUNCTIONS OF GLUTATHIONE PEROXIDASE IN THE BRAIN INHIBITION OF HOST-CELL TRANSCRIPTION BY POLIOVIRUS MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM MOLECULAR BIOLOGY OF AGING CONFERENCE ON HUMAN RETROVIRUSES CONFERENCE ON IMMUNOGENICITY CONFERENCES ON OBESITY AND METABOLIC REGULATION BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE SYNTHESIS OF BIOLOGICALLY ACTIVE MARINE NATURAL PRODUCTS PHOTORECEPTOR-PHOSPHOPROTEIN INTERACTIONS --TRANSDUCIN CU-DEPENDENT TRANSCRIPTIONAL REGULATION OXIDANT-INDUCED ELECTROGENIC SECRETION IN T84 MONOLAYERS BIOMEDICAL RESEARCH SUPPORT GRANT	135,537 27,877 172,986 3,000 20,000 15,000 1,500 10,000 89,279 138,001 35,901 80,745 30,549 27,583
		INSTITUTION TOTAL	15
			1,158,450
		UNIVERSITY OF SOUTHERN CALIFORNIA	
		1R01 AI27285-01 1R13 CA49956-01 1R03 CA49432-01 1R01 GM41988-01	BARNES, PETER F FOX, C FRED PIKE, MALCOLM C YOUSSEFIAN, PHILIP A
		INSTITUTION TOTAL	4
		CITY TOTAL	27
			432,358 3,922,990
		MALIBU MAGNETIC ELECTRODES, INC.	
		1R43 AI27619-01	YOSHITARA, PAUL H
		INSTITUTION TOTAL	1
		CITY TOTAL	50,000 50,000
		MARTINEZ U.S. VETERANS ADMINISTRATION MEDICAL CENTER	
		1R01 AG07998-01	DIVENYI, PIERRE L
		INSTITUTION TOTAL	1
		CITY TOTAL	92,260 92,260
			DEVELOPMENT OF ANTI-IDIOTYPE ANTIBODY VACCINES FOR AIDS
			50,000
			SPEECH PERCEPTION UNDER NON-OPTIMAL CONDITIONS IN AGING
			92,260

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA MENLO PARK HEALTH AND EDUCATION COMMUNICATION CONSULTANTS 1R43 HD25772-01	LLOYD-KOLKIN, DONNA	CHILDREN WITH CANCER--FACILITATING SCHOOL RE-ENTRY	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
MOUNTAIN VIEW COMSIS CORPORATION 1R43 AG08151-01	LERNER, NEIL D	SMOKE ALARM/EMERGENCY EGRESS DEVICE FOR OLDER USERS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
PALO ALTO CLINICAL MONITORING CENTER, INC. 1R43 HL41461-01A1	MILES, LAUGHTON E	GENERAL PURPOSE MULTI-CHANNEL MEDICAL TELEMETRY SYSTEM	50,000
INSTITUTION TOTAL	1	50,000	
INSTITUTE FOR RESEARCH ON LEARNING 1R29 HD26228-01	CALLANAN, MAUREEN A	PARENT-CHILD INTERACTION AND CONCEPTUAL DEVELOPMENT	63,554
INSTITUTION TOTAL	1	63,554	
SYNTEX CORPORATION--SYNTEX (USA) INC.-RESEARCH DIVISION 1R01 GM42987-01	BROKA, CHRIS A	SYNTHETIC CYTOTOXIC/ANTIVIRAL--MARINE NATURAL PRODUCTS	59,561
INSTITUTION TOTAL CITY TOTAL	1 3	59,561 173,115	
PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1R01 GM41635-01	FENDER, DEREK H	PROBLEMS OF HUMAN BRAIN MAGNETITE & HIGH MAGNETIC FIELDS	128,222
1R01 GM40859-01A1	LIDSTRÖM, MARY E	METHANE OXIDATION BY METHANOTROPHS	131,751
INSTITUTION TOTAL CITY TOTAL	2 2	259,973 259,973	
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1R01 AR39241-01A2	LUBEN, RICHARD A	BONE CELL ANTIGENS RELATED TO PTH RECEPTORS	160,505

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1R01 DK39739-01A1	STRAUS, DANIEL S	MOLECULAR BIOLOGY OF GROWTH REGULATION BY NUTRITION	100,649
INSTITUTION TOTAL	2		
CITY TOTAL	2		261,154
SAN DIEGO BIOSYM TECHNOLOGIES, INC. 1R43 GM42267-01	THACHER, THOMAS S	SENSITIVITY ANALYSIS FOR BIOMOLECULAR APPLICATIONS	50,000
INSTITUTION TOTAL	1		50,000
GEN-PROBE INC. 1R43 AI27596-01	ARNOLD, LYLE J	STRUCTURE OF ACRIDINUM ESTER-LABELED PROBES	50,000
INSTITUTION TOTAL	1		50,000
INOVA DIAGNOSTICS, INC. 1R43 AI27582-01	BINDER, WALTER L	SIMPLE, VISUAL TESTS FOR DIAGNOSIS OF AUTOIMMUNE DISEASE	36,190
INSTITUTION TOTAL	1		36,190
STRATAGENE CLONING SYSTEMS 1R43 GM42291-01	SHORT, JAY M	SWITCH MECHANISM FOR GENE EXPRESSION IN TRANSGENICS	50,000
INSTITUTION TOTAL	1		50,000
ZOOLOGICAL SOCIETY OF SAN DIEGO 1R24 RR05481-01	CLARKE, AMANDA S	RESOCIALIZATION OF ADULT MALE MACAQUES	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	5		191,190
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1R01 HD24718-01A1	BOYCE, W T EBERHARDT, NORMAN L HELLERSTEIN, MARC MD MILLS, JOHN ORNISH, DEAN PRUSINER, STANLEY B	STRESS REACTIVITY AND HEALTH IN PRESCHOOL CHILDREN STRUCTURE AND FUNCTION OF GROWTH HORMONE-RELATED GENES SUBSTRATE PATHWAYS, MONOKINES, WASTING AND HIV INFECTION NEUROPEPTIDE INTERACTIONS WITH HIV-INFECTED MACROPHAGES EFFECTS OF LIFESTYLE CHANGES ON CORONARY HEART DISEASE ELECTRON MICROSCOPE-JEOL 100CX	266,981 143,217 135,008 96,466 352,827 177,000

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR			
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1R01 HL41156-01A1 1R29 HL42506-01 1R01 HL41865-01 1R29 GM39723-01A1 1R01 NS27310-01	RAMSAY, DAVID J SALONER, DAVID A SCHERWITZ, LARRY W SESSLER, DANIEL I TUREEN, JAY H	INHIBITORY LEFT ATRIAL INFLUENCES ON THE BAROREFLEX FLOW VELOCITY QUANTITATION BY MRI ANGER EXPRESSION--SELF-FOCUS AND CHD RISK FACTORS PERIANETHETIC TREMOR AND THERMOREGULATION CEREBRAL BLOOD FLOW AND METABOLISM IN MENINGITIS	171,888 82,564 114,410 105,699 74,107
INSTITUTION TOTAL	11	1,720,167	
UNIVERSITY OF THE PACIFIC 1S03 RRR03515-01	HIGHSMITH, STEFAN	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	12	1,723,167	
SAN JOSE CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN 1R15 GM42190-01	BIRINGER, ROGER G	JOSE STATE UNIVERSITY FOLDING AND CHEMICAL MODIFICATION OF RIBONUCLEASE A	94,628
INSTITUTION TOTAL	1	94,628	
INSTITUTE FOR MEDICAL RESEARCH OF SANTA CLARA COUNTY 1R01 NS27365-01	LANGSTON, J WILLIAM	MPTP--METABOLIC ACTIVATION & MECHANISMS OF CELL DEATH	219,612
INSTITUTION TOTAL	1	219,612	
CITY TOTAL	2	314,240	
SAN MATEO ZBS RESEARCH ASSOCIATES 1R43 NR02062-01	ZALAR, MARIANNE K	COMPUTER VOICE DOCUMENTATION SYSTEM FOR NURSES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SANTA BARBARA UNIVERSITY OF CALIFORNIA AT SANTA BARBARA 1R29 NS27356-01 1R01 GM41751-01	CLEGG, DENNIS O FARRELL, KEVIN W	ROLE OF A LAMININ RECEPTOR IN NEUROMUSCULAR DEVELOPMENT MOLECULAR ANALYSIS OF BETA-TUBULIN GTP-BINDING DOMAINS	98,971 186,342
INSTITUTION TOTAL	2	285,313	
CITY TOTAL	2	285,313	

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RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

CALIFORNIA		PRINCIPAL INVESTIGATOR		
SANTA CRUZ	UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
1R01 CA47135-01A1	CREWS, PHILLIP			
1R01 GM41796-01	WANG, HOWARD H			
INSTITUTION TOTAL	2		279,170	
CITY TOTAL	2		279,170	
SANTA MONICA	RAND CORPORATION	LILLARD, LEE A	386,315	SOCIAL AND ECONOMIC FUNCTIONING IN OLDER POPULATIONS
1P01 AG08291-01			386,315	
INSTITUTION TOTAL	1		386,315	
CITY TOTAL	1		386,315	
SOUTH SAN FRANCISCO	ATHENA NEUROSCIENCES, INC.	ESCH, FREDERICK S	150,000	IDENTIFICATION OF ALZHEIMER'S-SPECIFIC TAU ALTERATIONS
1R43 NS27379-01		PORTER, SETH	150,000	IN VITRO MODEL OF THE BLOOD-BRAIN BARRIER
1R43 GM42268-01		SCHENK, DALE B	150,000	IDENTIFICATION OF ALZHEIMER-SPECIFIC ANTIGENS IN CSF
1R43 NS27391-01				
INSTITUTION TOTAL	3		150,000	
CITY TOTAL	3		150,000	
STANFORD	STANFORD UNIVERSITY	BUTCHER, EUGENE C	1,000,808	MOLECULAR BIOLOGY OF HUMAN LEUKOCYTE HOMING RECEPTOR
1R01 GM41965-01		FATHMAN, C GARRISON		TERNARY COMPLEX THAT DRIVES T CELL ACTIVATION
1R01 AI27989-01		KRASNOW, MARK A		MECHANISMS OF GENE REGULATION IN DROSOPHILA DEVELOPMENT
1R01 HD25624-01		MATIN, ABDUL		CARBON STARVATION GEN EXPRESSION IN ESCHERICHIA COLI
1R01 GM42159-01		SHORTLIFFE, EDWARD H		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICES PROGRAM
1S03 RR03509-01		WHITMORE, ALICE S		RESEARCH IN CANCER EPIDEMIOLOGY AND BIOSTATISTICS
1R35 CA47448-01A1				
INSTITUTION TOTAL	6		1,000,808	
CITY TOTAL	6		1,000,808	
TORRANCE	LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R13 HL42521-01		LAKS, MICHAEL M		COMPUTERIZED ELECTROCARDIOLOGY
1R01 HL40899-01A1		ROSS, MICHAEL G		MATERNAL DEHYDRATION--FETAL & AMNIOTIC FLUID HOMEOSTASIS
INSTITUTION TOTAL	2		138,471	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	138,471	
STATE TOTAL	122	16,908,021	
 COLORADO BOULDER SIEVERS RESEARCH, INC.			
1R43 RR04547-01	HUTTE, RICHARD S	WHOLE COLUMN DETECTION CHROMATOGRAPHY FOR HPLC	50,000
INSTITUTION TOTAL	1	50,000	
 SYNERGEN INC.			
1R43 AI27599-01	FORNEY, LARRY J	VACCINE AGAINST HAEMOPHILUS INFLUENZAE TYPE B	49,766
1R43 HL42200-01	SOMMER, ANDREAS	NEW DRUG FOR PREVENTING POST-ISCHEMIC TISSUE INJURY	50,000
1R43 GM42272-01	THOMPSON, ROBERT C	KALLIKREIN INHIBITORS BY GENETIC ENGINEERING	50,000
INSTITUTION TOTAL	3	149,766	
 UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1R01 AR39860-01	HAM, RICHARD G	CONTROL OF HUMAN MUSCLE CELL GROWTH AND DIFFERENTIATION	126,880
1R01 GM41776-01	STORMO, GARY D	DNA PATTERN IDENTIFICATION AND ANALYSIS	83,417
INSTITUTION TOTAL	2	210,297	
CITY TOTAL	6	410,063	
 COLORADO SPRINGS UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT COLORADO SPRINGS			
1S07 RR07251-01	MATTOON, JAMES R	BIOMEDICAL RESEARCH SUPPORT GRANT	10,168
INSTITUTION TOTAL	1	10,168	
CITY TOTAL	1	10,168	
 DENVER NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE			
1R01 AI27903-01	BORN, WILLIAM	SPECIFICITY & FUNCTION OF GAMMA/DELTA T LYMPHOCYTES	160,576
1R01 CA50101-01	RICHES, DAVID W	REGULATION OF THE TUMORICIDAL MACROPHAGE PHENOTYPE	118,160
INSTITUTION TOTAL	2	278,736	
 UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1R01 DK41294-01	CONGER, JOHN D	VASCULAR DYNAMIC ABNORMALITIES IN ACUTE RENAL FAILURE	95,582
1R29 HL42377-01	DIXON, BRADLEY S	ACTIVATION OF PROTEIN KINASE C IN VASCULAR SMOOTH MUSCLE	81,250

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1R13 CA49560-01 PRASAD, KEDAR N			10,000
1R29 NS27322-01 SIKEIA, JAMES M			105,849
1S03 RR03503-01 STEMBER, MARILYN L			3,000
INSTITUTION TOTAL CITY TOTAL	5	295,681 574,417	
FORT COLLINS COLORADO STATE UNIVERSITY 1R01 HL39759-01A1 ALLEN, KENNETH G 1R01 A127288-01 BRENNAN, PATRICK J 1R01 CA43728-01A2 COCKERELL, GARY L 1R29 GM40525-01A1 CRANS, DEBBIE C 1R29 NS25572-01A2 WALROND, JOHN P		DIETARY COPPER, LIPID HYDROPEROXIDE AND PG SYNTHESIS DEFINED NATIVE ANTIGENS AND IMMUNITY TO TUBERCULOSIS LATENCY AND LEUKOMOGENICITY OF BOVINE LEUKEMIA VIRUS METALLOBIOCHEMISTRY OF VANADIUM(V) STRUCTURE & FUNCTION OF NEUROTRANSMITTER RELEASE SITES	71,786 104,284 139,415 101,263 92,717
INSTITUTION TOTAL CITY TOTAL	5	509,465 509,465	
LAKEWOOD AMC CANCER RESEARCH CENTER 1R13 CA50664-01 FURMANSKI, PHILIP		BREAST CANCER RESEARCH CONFERENCE	2,000
INSTITUTION TOTAL CITY TOTAL	1	2,000	
STATE TOTAL	20	1,506,113	
CONNECTICUT BRANFORD ANALYTICA OF BRANFORD, INC. 1R43 GM42264-01 WHITEHOUSE, CRAIG M		ELECTROSPRAY TIME-OF-FLIGHT MASS SPECTROMETRY WITH PRC	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1R03 DE08759-01 CLARKSON, BRIAN H		SWITCHING SYSTEMS IN ORAL CANDIDA ALBICANS	17,889

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
CONNECTICUT		
FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER		
1R29 AI29009-01 1R13 NS26981-01 1R01 GM42339-01 1R01 GM41978-01	DORSKY, DAVID I MELNICK, MICHAEL OSBORN, MARY J ROTHFIELD, LAWRENCE I	STRUCTURE AND FUNCTION OF THE HSV DNA POLYMERASE SYMPONIUM - CLINICAL EMBRYOLOGY OF CNS ANOMALIES ISOLATION OF MUTANTS IN L-POPOLYSACCHARIDE TRANSLOCATION BACTERIAL MINICELL MUTANTS
INSTITUTION TOTAL CITY TOTAL	5	417,998 417,998
NEW HAVEN HASKINS LABORATORIES	GRACCO, VINCENT L	MECHANISMS OF SPEECH MOTOR CONTROL
INSTITUTION TOTAL	1	124,052
YALE UNIVERSITY		
1R01 AI26689-01A1 1S10 RR04765-01 1R01 NS27081-01 1P01 GM40660-01A1 1R13 GM43204-01 1R01 AI27855-01 1R01 AI27811-01 1R01 GM41651-01 1R01 CA49469-01 1R29 AR39854-01 1R29 AI27779-01 1R01 NS26362-01A1 1R01 HL42822-01 1S10 RR05007-01 1R01 NS27086-01 1R01 GM41596-01 1R01 LM05013-01 1R01 GM41624-01	ASKENASE, PHILLIP W CARADONNA, JOHN P DE LANEROLLE, NIHAI C HANDSCHUMACHER, ROBERT E HARDEN, T KENDALL, JANEWAY, CHARLES A, JR MCMAHON-PRATT, DIANE M MOORE, PETER B NATH, RAVINDER PELKÉR, RICHARD R RICO-HÈSSE, REBECA ROBBINS, RICHARD J TODD, MARY B VAN DEN POL, ANTHONY N VOGT, RICHARD G WARD, DAVID C WARNÉR, JOHN H WEINER, ALAN M	INITIATOR T CELLS IN DELAYED-TYPE HYPERSENSITIVITY UPGRADE & PURCHASE OF A HIGH FIELD NMR SPECTROMETER CHARACTERIZATION AND DEVELOPMENT OF A SEIZURE FOCUS ANALYSIS OF CYCLOSPORIN-RECEPTOR INTERACTION STRUCTURE/FUNCTION OF G-PROTEINS SPECIFICITY/DISTRIBUTION/FUNCTION/GAMMA:DELTA T CELLS STUDIES OF DIFFERENTIALLY EXPRESSED LEISHMANIA ANTIGENS STRUCTURE AND PHYSICAL PROPERTIES OF RNAs DOSIMETRY OF PD-103 FOR INTERSTITIAL BRACHYTHERAPY FRACTURE HEALING - EFFECTS OF RADIATION MOLECULAR DETERMINANTS OF VEE VIRUS EPIDEMIOLOGY BIOLOGY OF SOMATOSTATIN INTERNEURONS IN THE BRAIN TISSUE FACTOR MESSENGER RNA ANTIGEN AND ACTIVITY IN MA PHILIPS CM 12 SCANNING/TRANSMISSION ELECTRON MICROSCOPE MOLECULAR NEUROBIOLOGY OF OLFACTORY PROTEINS NEW METHODS FOR ANALYZING HUMAN GENES & THE IR DEFECTS AMERICAN PHYSICIANS AND FRENCH MEDICINE - 1815-1890 GENOMIC PLASTICITY IN THE HUMAN U2 SNRNA GENE CLUSTER
INSTITUTION TOTAL CITY TOTAL	18 19	3,079,568 3,203,620
STATE TOTAL	25	3,671,618

**NTH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1		
CITY TOTAL	113,492		
	113,492		
DELAWARE			
WILMINGTON			
BETHUNE-COOKMAN DEVELOPMENT CORPORATION			
1R43 HD25372-01	WASHINGTON, VIVIAN	AIDS PREVENTION TRAINING FOR MINORITY PARENTS	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
	163,492		
DIST OF COL			
WASHINGTON			
AMERICAN NATIONAL RED CROSS			
1R01 CA47150-01A1	PERDUE, JAMES F	ROLE OF IGFS IN WILMS TUMOR DEVELOPMENT	128,192
INSTITUTION TOTAL	1		
AMERICAN UNIVERSITY			
1R15 GM42200-01	HUGHES, LOU L J	METAL COMPLEX BINDING TO DNA SEQUENCES	110,250
INSTITUTION TOTAL	1		
CARNEGIE INSTITUTION OF WASHINGTON	D. C. LAZAROWITZ, SONDRA G	MOLECULAR GENETICS OF GEMINIVIRUSES SQLCV AND MSV	155,524
1R01 AI27449-01			
INSTITUTION TOTAL	1		
CATHOLIC UNIVERSITY OF AMERICA			
1R15 GM41875-01	GOLIN, JOHN E	ANALYZE GENE SMR3 CONFERRING MULTIPLE DRUG RESISTANCE	104,452
1R01 AG07569-01A1	PARASURAMAN, RAJA	ATTENTION IN AGING AND EARLY ALZHEIMER'S DEMENTIA	95,262
INSTITUTION TOTAL	2		
CHILD TRENDS, INC.			
1S07 RR06021-01	MOORE, KRISTIN A	BIOMEDICAL RESEARCH SUPPORT GRANT	7,028
INSTITUTION TOTAL	1		
GALLAUDET UNIVERSITY			
1S07 RR07245-01	KARCHMER, MICHAEL A	BIOMEDICAL RESEARCH SUPPORT GRANT	12,789
INSTITUTION TOTAL	1		
	12,789		

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL WASHINGTON GEORGE WASHINGTON UNIVERSITY IR01 CA47994-01A1	GARRET, CARLETON T	RAS GENE MUTATIONS IN HUMAN NEOPLASIA	165,399
INSTITUTION TOTAL	1	165,399	
GEORGETOWN UNIVERSITY IR01 NS27054-01	BREGMAN, BARBARA S	RECOVERY OF FUNCTION AFTER SPINAL CORD INJURY	108,748
INSTITUTION TOTAL	1	108,748	
HOWARD UNIVERSITY IR01 GM41885-01	DEMENAIS, FLORENCE M	SIMULATION EXPERIMENTS OF MODELS IN GENETIC EPIDEMIOLOGY	75,269
INSTITUTION TOTAL	1	75,269	
MEDLANTIC HEALTHCARE GROUP--WASHINGTON HOSPITAL CENTER 1S07 RR06020-01	HOWARD, BARBARA V	BIOMEDICAL RESEARCH SUPPORT GRANT	8,704
INSTITUTION TOTAL	1	8,704	
SMITHSONIAN INSTITUTION IR01 AI27203-01	MONTALI, RICHARD J	CHARACTERIZATION OF NEW PRIMATE HEPATITIS VIRUS	128,370
INSTITUTION TOTAL	1	128,370	
U.S. DEPARTMENT OF THE ARMY--WALTER REED ARMY MEDICAL CENTER IR01 NS27422-01	LEEK, MARJORIE R	HEARING LOSS AND THE PERCEPTION OF COMPLEX SOUNDS	38,900
INSTITUTION TOTAL	1	38,900	
CITY TOTAL	13	1,138,887	
STATE TOTAL	13	1,138,887	
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA	AYOUB, ELIA M CHILDERS, DONALD G COOPER, BRIAN Y JAMES, ROBERT C	MICROBIAL DETERMINANTS OF VIRULENCE AND HOST RESPONSES MODELING VOCAL DISORDERS PROPERTIES OF HIGH THRESHOLD MECHANORECEPTORS STRESS AND ENVIRONMENTAL CHEMICAL HAZARDS	5,000 172,360 90,437 117,256
INSTITUTION TOTAL	4	385,053	
CITY TOTAL		385,053	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA MIAMI CEDARS MEDICAL CENTER 1R01 CA50677-01	FRANKFURT, OSSKAR S	FLOW CYTOMETRIC STUDY OF ANTICANCER DRUG EFFECTS ON DNA	84,810
INSTITUTION TOTAL	1	84,810	
UNIVERSITY OF MIAMI 1R29 AI27877-01 1R29 NS27213-01 1R03 EY08193-01 1R01 HL42325-01 1S03 RR03510-01 1R01 GM38920-01A2 1R01 DK40838-01	FLAJNIK, MARTIN F MILLER, KENNETH E PFLUGFELDER, STEPHEN C POTTER, JAMES D PRESSMAN, BERTON C PRESSMAN, BERTON C STRAUSS, JOSE	ONTOGENY AND PHYLOGENY OF THE MHC EXCITATORY AMINO ACID SYNAPTIC CIRCUITRY DETECTION OF EPSTEIN-BARR VIRAL DNA IN OCULAR SPECIMENS MECHANISM OF CARDIAC MUSCLE REGULATION BY TROPONIN MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM UPTAKE OF ORGANIC CATIONS BY CELLS AND MITOCHONDRIA HIV ASSOCIATED NEPHROPATHY IN CHILDREN	104,533 95,007 34,728 249,718 3,000 168,102 284,152
INSTITUTION TOTAL CITY TOTAL	7 8	939,240 1,024,050	
TALLAHASSEE STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY 1R29 NS27013-01 1R01 NS27096-01	DRYER, STUART E OUTMEYER, CHARLES C	PROPERTIES OF SODIUM-ACTIVATED POTASSIUM CHANNELS CHEMICAL NEUROANATOMY OF DOPAMINOCEPTIVE NEURONS	91,173 80,197
INSTITUTION TOTAL CITY TOTAL	2 2	171,370 171,370	
TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA 1R01 DK41025-01	O'GRADY, MAUREEN P	PRENATAL VIRAL INFECTION AND NEUROENDOCRINE DEVELOPMENT	132,586
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	1 1 15	132,586 132,586 1,713,059	
GEORGIA ATHENS ATHENS RESEARCH AND TECHNOLOGY, INC. 1R43 GM43216-01	LLOYD, CYNTHIA A	POLYMERIC MEMBRANE APPLICATIONS TO IMPROVE CELL CULTURE	50,000
INSTITUTION TOTAL	1	50,000	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA 1R01 GM42025-01	SCOTT, ROBERT A	X-RAY ABSORPTION SPECTROSCOPY OF METALLOENZYMES	139,041
INSTITUTION TOTAL	1	139,041	
CITY TOTAL	2	189,041	
ATLANTA ATLANTA UNIVERSITY CENTER, INC.--DOLPHUS E. MILLIGAN 1R29 AI26813-01A1	MULDROW, LYCURGUS L.	SCIENCE RESEARCH INSTITUTE MOLECULAR ANALYSIS OF CLOSTRIDIUM DIFFICILE TOXIN GENES	97,709
INSTITUTION TOTAL	1	97,709	
CLARK COLLEGE 1S03 RR03516-01	THEDFORD, ROOSEVELT	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
EMORY UNIVERSITY 1R01 NS24340-01A2 1R29 DK38953-01A1 1R01 AI26589-01A1	BAKAY, ROY A E MAY, ROBERT C SPITZNAGEL, JOHN K	CNS GRAFTING FOR PARKINSONISM UREMIA--EFFECTS ON INSULIN BINDING & RECEPTOR FUNCTION SALMONELLA RESISTANCE TO CATIONIC PROTEINS IN PMN	188,800 88,466 154,541
INSTITUTION TOTAL	3	431,807	
MOREHOUSE SCHOOL OF MEDICINE 1R03 DE09038-01	WINESKI, LAWRENCE E	MODEL FOR EXPERIMENTAL STUDIES OF FACIAL MUSCLES	20,345
INSTITUTION TOTAL	1	20,345	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA 1R29 AI24905-01A2	IKEDA, RICHARD A	INSTITUTE OF TECHNOLOGY MOLECULAR BASIS OF FUNCTION OF T7 RNA POLYMERASE	109,827
INSTITUTION TOTAL	1	109,827	
CITY TOTAL	7	662,688	
AUGUSTA UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA 1R01 HD24451-01A1	GANAPATHY, VADIVEL	HUMAN PLACENTAL AMINO ACID TRANSPORT--MOLECULAR ASPECTS	73,612
INSTITUTION TOTAL	1	73,612	
CITY TOTAL	1	73,612	
STATE TOTAL	10	925,341	

**NIH
RESEARCH GRANTS**

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
HAWAII HILO UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT HILLO 1S03 RRO3499-01	SCOTT, JOHN F	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL CITY TOTAL	1	3,000	3,000
STATE TOTAL	1	3,000	
IDAHO MOSCOW UNIVERSITY OF IDAHO 1R15 NSS27253-01 1R15 GM42029-01	DESANTE, MARK E NATALE, NICHOLAS R	IMMUNOLOGICAL IDENTIFICATION OF DYING NEURONS STEREOELECTRONIC EFFECTS AND SAR OF CALCIUM ANTAGONISTS	105,448 103,696
INSTITUTION TOTAL CITY TOTAL	2	209,144	209,144
STATE TOTAL	2	209,144	
ILLINOIS CHAMPAIGN UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 1R01 HD25066-01 1R01 GM41587-01 1R01 GM41915-01	CAMPOS, JOSEPH J KONISKY, JORDAN WIDOM, JONATHAN	LOCOMOTION AND PSYCHOLOGICAL DEVELOPMENT IN INFANCY CHARACTERIZATION OF METHANOCOCCUS VOLTAE ATPASE BIOCHEMICAL AND GENETIC STUDIES OF YEAST CHROMOSOMES	184,027 126,832 179,352
INSTITUTION TOTAL CITY TOTAL	3	490,211	490,211
CHICAGO CHILDREN'S MEMORIAL HOSPITAL 1R01 HD25412-01	CHRISTOFFEL, KATHERINE K	DEVELOPMENT AND BEHAVIOR OF CHILD PEDESTRIAN VICTIMS	217,105
INSTITUTION TOTAL	1	217,105	
DE PAUL UNIVERSITY 1S07 RRO7246-01	BREWER, ROBERT E	BIOMEDICAL RESEARCH SUPPORT GRANT	13,601
INSTITUTION TOTAL	1	13,601	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO LOYOLA UNIVERSITY OF CHICAGO 1R01 AI24199-01A3	NAPPI, ANTHONY J	BIOCHEMICAL MECHANISMS IN INSECT IMMUNITY	121,213
INSTITUTION TOTAL	1	121,213	
NORTHWESTERN UNIVERSITY 1R29 CA4916-01 1R13 NS27413-01	JOHNSON, MARK D LEVY, ROBERT M	MECHANISM OF GROWTH FACTOR-INDUCED TRANSFORMATION NEUROLOGICAL/NEUROPSYCHOLOGICAL ASPECTS OF HIV INFECTION	105,499 25,000
INSTITUTION TOTAL	2	130,499	
UNIVERSITY OF CHICAGO 1R01 GM41598-01 1R01 HL38927-01A2 1R01 CA49670-01 1R01 EY08041-01 1R01 NS27185-01 1R01 NS27186-01 1R01 HL37217-01A1 1R01 HD25742-01 1S03 RR05034-01	BOSNICH, BRICE T JANUARY, CRAIG T LAIMINS, LAIMONIS MC CREA, ROBERT A MOSS, JONATHAN NUSBAUM, HOWARD C TRABASSO, RICHARD B WESTBROOK, EDWIN M	METAL MEDIATED ASYMMETRIC INTRAMOLECULAR HYDROXYLATION EARLY AFTER DEPOLARIZATIONS--MECHANISM/ROLE OF CALCIUM HPV-18 EFFECTS ON EPITHELIAL CELL DIFFERENTIATION PHYSIOLOGY OF OCULOMOTOR PREMOTOR PATHWAYS CEREBROVASCULAR REACTIVITY--MODULATION BY HORMONES STRUCTURE AND PROCESS IN SPEECH PERCEPTION MOLECULAR CHARACTERIZATION OF CARDIAC NA ⁺ CHANNELS DEVELOPMENT OF PERSONAL AND SOCIAL PLANNING KNOWLEDGE X-RAY GENERATOR FOR THE MIDWEST AREA DETECTOR FACILITY	144,923 206,680 72,869 106,893 166,953 145,398 205,233 139,824 111,000
INSTITUTION TOTAL	9	1,299,773	
UNIVERSITY OF ILLINOIS AT CHICAGO 1R01 GM41905-01 1R29 AR39872-01 1S03 RR03504-01 1R01 AR39496-01A1 1R01 HD25329-01 1R01 HL42485-01 1R01 GM39740-01A1 1R03 DE08743-01A1 1S03 RR03506-01	ELBER, RON ESSIG, DAVID A HELLMAN, SAMUEL HICKSON, ROBERT C KUEHN, MICHAEL R MERKELSTEIN, ROBIN J MOCK, WILLIAM L MUKHERJEE, SABYASACHI SIMPSON, SIDNEY B, JR	LES--NEW METHOD FOR COMPUTER SIMULATION OF PROTEINS INDUCTION OF AMINOACIDIC ACID SYNTHASE BY EXERCISE MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM EXERCISE AND MUSCLE ATROPHY PREVENTION RETROVIRAL INSERTIONAL MUTAGENESIS IN ES CELLS & MICE RECYCLING ATTEMPTERS AND RELAPSERS IN SMOKING CESSATION ENZYME MECHANISMS--SELECTIVE PROTEASE INACTIVATORS SALIVARY IRON AND BACTERIAL GROWTH IN ORAL CAVITY MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	111,488 97,713 3,000 117,034 163,879 222,378 119,089 23,472 3,000
INSTITUTION TOTAL CITY TOTAL	9 23	861,053 2,643,244	
DE KALB NORTHERN ILLINOIS UNIVERSITY 1R15 GM42118-01 1R15 GM42137-01	LAPLANCHE, LAURINE A MEGANATHAN, RANGASWAMY	DRUG INTERACTIONS WITH PHOSPHOLIPID MICELLES & VESICLES SEQUENCE AND REGULATION OF VITAMIN K BIOSYNTHESIS GENES	100,082 99,089
INSTITUTION TOTAL	2	199,171	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	199,171	
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
1R29 GM42017-01	ASHLEY, GARY W	STUDIES OF THE BIOSYNTHESSES OF BIOTIN AND LIPOIC ACID	90,063
1R01 DK41386-01	PATEL, VIKRAM P	BLOOD CELL DEVELOPMENT--ROLE OF FIBRONECTIN RECEPTORS	165,818
1R01 HD25748-01	WINSHIP, CHRISTOPHER	DEMOGRAPHIC INFLUENCES ON FAMILY AND SCHOOL TRANSITIONS	105,697
INSTITUTION TOTAL	3	361,578	
CITY TOTAL	3	361,578	
HINES			
U.S. VETERANS ADMINISTRATION MEDICAL CENTER			
1R01 NS26449-01A1	FIELDS, JEREMY Z	PERMANENT DOPAMINE HYPERSENSITIVITY-A UNIQUE MODEL	84,700
INSTITUTION TOTAL	1	84,700	
CITY TOTAL	1	84,700	
NORMAL			
ILLINOIS STATE UNIVERSITY			
1R15 GM42108-01	COLLIER, GLEN E	REGULATION OF PYRUVATE KINASE IN DROSOPHILA MELANOGLASTER	102,870
INSTITUTION TOTAL	1	102,870	
CITY TOTAL	1	102,870	
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1R29 CA49207-01	MCKEITHAN, TIMOTHY WAYNE	MOLECULAR ANALYSIS OF THE 14-19 TRANSLOCATION	93,352
1R01 HL42590-01	WEIL, MAX H	RESUSCITATION AFTER PROLONGED CARDIAC ARREST	238,070
INSTITUTION TOTAL	2	331,422	
CITY TOTAL	2	331,422	
ROCKFORD			
UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE AT ROCKFORD			
1R15 NS27265-01	KOMISKEY, HAROLD L	IDENTIFICATION AND PHARMACODYNAMICS OF LIPOPHILIC LIGAND	117,721
1S03 RR03511-01	YU, FU-LI	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	120,721	
CITY TOTAL	2	120,721	

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

ILLINOIS
SPRINGFIELD
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE
1S10 RR04805-01 BREWER, GREGORY J
ELECTRON MICROSCOPE WITH X-RAY ANALYSIS

INSTITUTION TOTAL	1	200,000
CITY TOTAL	1	200,000
STATE TOTAL	38	4,533,917

INDIANA
BLOOMINGTON
INDIANA UNIVERSITY AT BLOOMINGTON
1S07 RR06011-01 MCBRIDE, ANGELA B
1R13 HD25564-01 THELEN, ESTHER
INSTITUTION TOTAL 2 16,234
CITY TOTAL 2 16,234

INDIANAPOLIS
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS
1R01 AG08726-01 HENDRIE, HUGH C
1R01 CA48004-01A1 JACKSON, VALERIE P
1R01 NS27182-01 WONG, DONALD
1R01 HL42370-01 ZIPEK, DOUGLAS P
INSTITUTION TOTAL 4 754,893
CITY TOTAL 4 754,893

TERRE HAUTE
INDIANA STATE UNIVERSITY
1R15 GM42182-01 FLURKEY, WILLIAM
INSTITUTION TOTAL 1 94,800
CITY TOTAL 1 94,800

WEST LAFAYETTE
PURDUE UNIVERSITY WEST LAFAYETTE
1R01 GM41708-01 ANDERSON, JOHN N
1R01 GM41753-01 DUNN, PETER E
1R01 GM41645-01 GRUTZNER, JOHN B
ARTIFICIAL ORIGIN OF REPLICATION
REGULATION OF CECROPIN AND ATTACIN GENE EXPRESSION
ELECTROPHORETIC SEPARATIONS IN FREE SOLUTION

DOLLARS
AWARDED

INSTITUTION TOTAL	10,259
CITY TOTAL	5,973
STATE TOTAL	310,063

200,000

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RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDEDCONFOCAL MICROSCOPE WITH IMAGE ANALYSIS STATION
CATARACT-RELATED DISULFIDE CROSS-LINKAGES IN CRYSTALLINS215,000
99,347WEST LAFAYETTE
PURDUE UNIVERSITY WEST LAFAYETTE
1S10 RR04802-01 POWLEY, TERRY L
1R01 EY07609-01A1 SMITH, DAVID LINSTITUTION TOTAL 5 612,074
CITY TOTAL 5 612,074
STATE TOTAL 12 1,478,001IOWA
AMES
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY
IR29 GM41899-01 LARSON, DRENA D
1R01 CA50159-01 ROTH, JAMES A
1R01 HD22786-01A2 TAYLOR, MICHAEL J
INSTITUTION TOTAL 3 338,391
CITY TOTAL 3 338,391IOWA CITY
UNIVERSITY OF IOWA
IR15 NR02135-01 GLICK, ORPHA J
1R01 A127214-01 KARR, ROBERT W
1R29 HL42395-01 KOERNER, THEODORE A, JR
1R01 HL42426-01 LUPINETI, FLAVIAN M
1R01 HL42552-01 MARCUS, MELVIN L
1R01 GM41669-01 SHIH, MING-CHE
1R01 HL43600-01 SOLURSH, MICHAEL
INSTITUTION TOTAL 7 760,088
CITY TOTAL 7 760,088
STATE TOTAL 10 1,098,479KANSAS
KANSAS CITY
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL
1R01 GM41086-01 GOLDBERG, IVAN D
1S07 RR07253-01 HENNEY, JANE E
INSTITUTION TOTAL 2 121,551
CITY TOTAL 2 121,551110,907
10,644

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS LAWRENCE UNIVERSITY OF KANSAS 1S10 RR04785-01 IR01 CA43713-01A1	LAWRENCE BURTON, PAUL R MITSCHER, LESTER A	PHILLIPS CM10 TRANSMISSION ELECTRON MICROSCOPE NOVEL ANTIMUTAGENIC COMPOUNDS	188,000 203,605
INSTITUTION TOTAL CITY TOTAL	2	391,605 391,605	
WICHITA UNIVERSITY OF KANSAS IS07 RR06007-01	SCHOOL OF MEDICINE WICHITA REALS, WILLIAM J	BIOMEDICAL RESEARCH SUPPORT GRANT	7,756
INSTITUTION TOTAL CITY TOTAL	1	7,756 7,756	
STATE TOTAL	5	520,912	
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1P01 HL40369-01A1 1S07 RR06010-01 IR01 HL38904-01A2	FRAZIER, DONALD T GRIER, MARGARET R MAHONY, CHERYL	RESPIRATORY AFFERENTS AND THE CONTROL OF BREATHING BIOMEDICAL RESEARCH SUPPORT GRANT ETIOLOGY OF SPONTANEOUS CONTRAST	855,474 8,589 198,800
INSTITUTION TOTAL CITY TOTAL	3	1,062,863 1,062,863	
STATE TOTAL	3	1,062,863	
LOUISIANA BATON ROUGE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE 1R01 GM42101-01	BARKLEY, MARY D	FLUORESCENCE STUDIES OF PEPTIDE STRUCTURE & DYNAMICS	119,430
INSTITUTION TOTAL CITY TOTAL	1	119,430 119,430	
CARVILLE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--PHS 1R22 AI26305-01A1	GILLIS, THOMAS P	GILLIS W. LONG HANSEN'S DISEASE CENTER CHARACTERIZATION OF T-CELL CLONES TO M LEPRAE	43,720
INSTITUTION TOTAL	1	43,720	

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	43,720	
LOUISIANA NEW ORLEANS 1R01 EY07213-01A1	MALATY, RAGA	NEURAL-IMMUNE INTERACTIONS IN OCULAR INFLAMMATION	95,134
INSTITUTION TOTAL	1	95,134	
LOUISIANA STATE UNIVERSITY-UNIVERSITY OF NEW ORLEANS 1S03 RR03492-01	FLURRY, ROBERT L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
TULANE UNIVERSITY OF LOUISIANA 1R01 A128048-01	GARRY, ROBERT F, JR	ALTERATIONS OF TRANSPORT SYSTEMS IN HIV- INFECTED CELLS	110,876
INSTITUTION TOTAL	1	110,876	
CITY TOTAL	3	209,010	
SHREVEPORT LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT 1R29 HL40963-01A1	BENOIT, JOSEPH N	PHYSIOLOGY OF THE MESENTERIC LYMPHATIC PUMP	94,354
INSTITUTION TOTAL	1	94,354	
CITY TOTAL	1	94,354	
STATE TOTAL	6	466,514	
MAINE BAR HARBOR JACKSON LABORATORY 1R01 HD25389-01	NADEAU, JOSEPH H	GENETICS OF LINEAGE DETERMINATION DURING EMBRYOGENESIS	195,072
INSTITUTION TOTAL	1	195,072	
CITY TOTAL	1	195,072	
BRUNSWICK BOWDOIN COLLEGE 1R15 GM41924-01	HOWLAND, JOHN L	ROLE OF PHOSPHATE IN EOCYTE ENERGY COUPLING	112,857
INSTITUTION TOTAL	1	112,857	
CITY TOTAL	1	112,857	

TITLE OF RESEARCH PROPOSAL:

PRINCIPAL INVESTIGATOR

MAINE	ORONO	UNIVERSITY OF MAINE	BRUCE , ALICE E	CHEMISTRY OF GOLD-I & SULFUR--APPLICATION TO ARTHRITIS
1R15	AR39858-01	1R43 AI27605-01	ANDERSEN, PHILIP R	48 , 766
INSTITUTION TOTAL	1	1	48 , 766	106 , 226
CITY TOTAL		1	48 , 766	106 , 226
STATE TOTAL	4		462 , 921	
PORTLAND	AGRITECH SYSTEMS , INC.		FTLV AS A SMALL LABORATORY MODEL OF HIV	
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	4			
MARYLAND	BALTIMORE	AMERICAN NATIONAL RED CROSS--CENTRAL MARYLAND CHAPTER	MARYLAND CHAPTER	
1R01	HL40858-01A1	JAMIESON, GRAHAM A	ROLE OF PLATELET GPIV AS AN ADHESION RECEPTOR	223 , 610
INSTITUTION TOTAL	1			
JOHNS HOPKINS UNIVERSITY				
1R29	GM42140-01	CHANDRASEGARAN , SRINIVASAN		
1R01	NS27036-01	CLEVELAND , DON W		
1R29	CA49634-01	DAVIDSON, NANCY E		
1R01	CA49938-01	DE BUSTROS , ANDREE C		
1R01	AI28264-01	FARZADEGAN , HOMAYOON		
1R29	CA45640-01A2	FRONDOZA , CARMELITA G		
1P01	HD24605-01A1	GEARHART , JOHN D		
1R01	NS26553-01	GORDON , BARRY		
1R01	NR02091-01	GORDON , DOROTHY L		
1R01	ES04802-01A1	HIRATA , FUSAO		
1S07	RR0612-01	LARSON , ELAINE L		
1R03	EY08209-01	MACKENZIE , ELLEN J		
1R01	EY08117-01	MONTELL , CRAIG		
1R01	HL40361-01A2	MURRAY , PAUL A		
1R01	CA50158-01	PITHA-ROWE , PAULA M		
1R01	NS26363-01A1	RAJA , SRINIVASA N		
1R01	CA50131-01	SARAL , REIN		
1R01	NS27327-01	SINGER , HARVEY S		
STUDIES ON FOK I (A TYPE IIS) RESTRICTION ENZYME				91 , 219
NEURONAL FILAMENT SYNTHESIS , ASSEMBLY , AND FUNCTION				230 , 182
EPIDERMAL GROWTH FACTOR RECEPTOR IN HUMAN BREAST CANCER				97 , 936
ECTOPIC PRODUCTION OF CALCITONIN BY TUMORS				140 , 502
DETECTION OF HIV-1 BY PCR IN SERONEGATIVE DRUG USERS				320 , 568
PLASMACYTOMA RESISTANCE TO ALKYLATING AGENTS				94 , 908
GENES ANEUPLOIDY AND MAMMALIAN DEVELOPMENT				855 , 096
LANGUAGE ORGANIZATION STUDIED BY CORTICAL STIMULATION				388 , 811
MODEL FOR REORGANIZING NURSING RESOURCES				208 , 178
MOLECULAR MECHANISM OF IMMUNOTOXIC ACTION OF TCDD & DTT				207 , 344
BIOMEDICAL RESEARCH SUPPORT GRANT				9 , 349
DEVELOPMENT OF AN OCULAR TRAUMA INDEX				39 , 075
MUTAGENESIS OF NINAC--DROSOPHILA NEURAL KINASE/MYOSIN				180 , 894
MECHANISMS OF VASCULAR REGULATION IN TRANSPLANTED LUNG				214 , 829
RETROVIRUS- INDUCED IMMUNODEFICIENCY -ROLE OF CYTOKINES				147 , 149
INJURY- INDUCED PAIN- -CHEMICAL MODULATION OF NOCICEPTORS				130 , 497
BONE MARROW TRANSPLANTATION FOR HIV PATIENTS WITH CANCER				162 , 576
TREATMENT OF ADHD IN TOURETTE SYNDROME				190 , 710

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

MARYLAND

BALTIMORE	JOHNS HOPKINS UNIVERSITY 1R01 AI27783-01 1R01 GM41930-01	SMITH, HAMILTON O TULLIUS, THOMAS D	MAPPING THE HAEMOPHILUS INFLUENZAE RD GENOME FOOTPRINTING WITH IRON(II)-GENERATED HYDROXYL RADICAL.	64,456 150,965
INSTITUTION TOTAL	20	3,925,314		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND	1R29 HL40945-01A1 1R03 DE08857-01 1R01 AI25634-01A2 1R01 NR02043-01	BASCOM, REBECCA DELISLE, ALLAN L MORRIS, JOHN GLENN JR THOMAS, SUE A	BALTIMORE PROFESSIONAL SCHOOL RESPIRATORY SENSITIVITY TO ENVIRONMENTAL TOBACCO SMOKE TEMPERATE BACTERIOPHAGES OF GRAM-NEGATIVE ORAL ANAEROBES Y ENTEROCOLITICA VIRULENCE PLASMID PSYCHOSOCIAL FACTORS IN SUDDEN CARDIAC DEATH	103,595 21,027 132,757 122,337
INSTITUTION TOTAL	4	379,716		
CITY TOTAL	25	4,528,640		
BETHESDA	AMERICAN ASSOCIATION OF IMMUNOLOGISTS 1R13 AI27120-01	SHREFFLER, DONALD C	7TH INTERNATIONAL CONGRESS OF IMMUNOLOGY	60,000
INSTITUTION TOTAL	1	60,000		
AMERICAN INSTITUTE OF NUTRITION	1R13 DK41205-01	ALLISON, RICHARD G	XIV INTERNATIONAL CONGRESS OF NUTRITION	7,000
INSTITUTION TOTAL	1	7,000		
AMERICAN PHYSIOLOGICAL SOCIETY	1R13 DK41112-01	FRANK, MARTIN	PHYSIOLOGY INTERNATIONAL CONGRESS	25,000
INSTITUTION TOTAL	1	25,000		
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY	1R13 EY08111-01	BAYLOR, DENIS A	1989 FASEB CONFERENCE--BIOLOGY AND CHEMISTRY OF VISION	27,000
INSTITUTION TOTAL	1	27,000		
HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE	1R01 EY07528-01A1 1R01 AI25376-01A1 1R29 NS27038-01 1R03 EY08220-01	BEEBE, DAVID C HAY, JOHN PORTER, LINDA L SAMID, DVORIT	DEVELOPMENT OF THE CILIARY EPITHELIUM FUNCTIONAL ANALYSIS OF HANTANAN VIRUS PROTEINS SENSORY INTEGRATION IN SOMATOSENSORY-MOTOR CORTEX LASER KERATECTOMY--EVALUATE POTENTIAL CARCINOGENESIS	104,321 146,882 69,478 35,090
INSTITUTION TOTAL	4	355,771		
CITY TOTAL	8	474,771		

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND CATONSVILLE ANGIOGEN 1R43 GM42318-01	FENSELAU, ALLAN	EFFECTS OF ANGIOGENESIS FACTORS ON SKIN FLAP SURVIVAL.	50,000
INSTITUTION TOTAL CITY TOTAL	1		50,000
COLLEGE PARK UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1R01 GM39815-01A1 1R29 GM39777-01A1	DE SHONG, PHILIP R JULIN, DOUGLAS A	COLLEGE PARK CAMPUS ORGANOMANGANESE REAGENTS IN ORGANIC SYNTHESIS MECHANISM OF THE RECB3D ENZYME FROM ESCHERICHIA COLI	142,689 90,705
INSTITUTION TOTAL CITY TOTAL	2		233,394
GAITHERSBURG ONCOR INC 1R43 GM40799-01	LOVE, JACK D	NONISOTOPIC DETECTION OF NUCLEIC ACID HYBRIDIZATION	47,285
INSTITUTION TOTAL CITY TOTAL	1		47,285
ROCKVILLE BIOTECH RESEARCH LABORATORIES, INC. 1R43 AI27612-01	CORRIGAN, ALICE J	DEVELOPMENT OF AN ANTIGEN CAPTURE ASSAY FOR HTLV-1	49,891
INSTITUTION TOTAL CITY TOTAL	1		49,891
LEVINE ASSOCIATES, INC. 1R43 AG06678-01A2	LEVINE, DANIEL S	LONG TERM CARE & AGING STATISTICAL INFORMATION SYSTEM	49,271
INSTITUTION TOTAL CITY TOTAL	2		99,162
WESTMINSTER LOATS ASSOCIATES, INC. 1R43 NS27376-01	LOATS, HARRY L	POSITRON MULTI-DECTECTOR BRAIN ANALYSIS SYSTEM	50,000
INSTITUTION TOTAL CITY TOTAL	1		50,000
STATE TOTAL	40		5,483,252

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
AMHERST COLLEGE 1R15 GM41876-01 1R15 HD25679-01	GOLDSBY, RICHARD A POCCIA, DOMINIC L	POLYCLONAL LIBRARY--RESOURCES FOR ANTIBODIES & CATALYSIS MALE GERM LINE DIFFERENTIATION ANTIGENS	107,580 108,073
INSTITUTION TOTAL 1R01 GM41980-01	2	215,653	
UNIVERSITY OF MASSACHUSETTS AT AMHERST DAS SARMA, SHIADITYA		REGULATION OF GENE EXPRESSION IN HALOBACTERIUM HALOBIUM	109,443
INSTITUTION TOTAL CITY TOTAL	1 3	109,443 325,096	
BOSTON BETH ISRAEL HOSPITAL 1R01 HL42293-01	MORGAN, KATHLEEN G	CONTRACTION OF VASCULAR SMOOTH MUSCLE CELLS	125,706
INSTITUTION TOTAL 1R01 GM41845-01	1	125,706	
BOSTON BIOMEDICAL RESEARCH INSTITUTE 1R01 CA46288-01A1	TAI, PHANG C	LIPOPROTEIN--MEMBRANE INSERTION/MODIFICATION/PROCESSING	258,115
INSTITUTION TOTAL 1R43 AI27645-01	1	258,115	
BOSTON BIOTECHNOLOGY CORPORATION 1R01 CA46288-01A1	TSEN, SUH-DER	SUPERACTIVE B-GALACTOSIDASE FOR ENZYME IMMUNOASSAY	50,000
INSTITUTION TOTAL 1R01 CA46288-01A1	1	50,000	
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL 1R01 NS26985-01	NEWBERNE, PAUL M	LIPOTROPE DEFICIENCY AND LIVER CANCER IN RATS	247,075
INSTITUTION TOTAL 1R01 NS27169-01	1	247,075	
BOSTON UNIVERSITY 1P50 NS26985-01	CERMAK, LAIRD S CHOU, JIH-NAN	BRAIN- INJURY MEMORY DISORDERS RESEARCH CENTER CYTOSKELETAL INJURY & MECHANISM OF HERBICIDE TOXICITY	534,367
1R01 ES04751-01A1 1R01 HL42524-01	KAUFMAN, DAVID W KIDD, GERALD D, JR	ETIOLOGY OF BLOOD DYSCRASIAS--ANALYSIS OF THE IAAAS DATA SPECTRAL SHAPE DISCRIMINATION IN HEARING	155,592 216,582
1R01 NS27169-01 1R01 HL42483-01	ROSENBERG, LYNN	MYOCARDIAL INFARCTION AND CURRENT ORAL CONTRACEPTIVE USE	126,261 376,944
INSTITUTION TOTAL 1R01 HL42483-01	5	1,409,746	

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1R01 HL42311-01 1R01 HL42419-01 1P01 DK40839-01 1R01 HL42539-01 1R29 GM42224-01 1R01 AI26788-01 1R01 HD24797-01A1 1R01 HL41016-01A1 1R29 CA49859-01 1R01 HL42663-01 1R01 EY08103-01	BRAUNWALD, EUGENE BRAUNWALD, EUGENE BRENNER, BARRY M COLUCCI, WILSON S JACOBS, DANNY O KOMAROFF, ANTHONY L LU, CHRISTOPHER Y MULLER, JAMES E MUTTER, GEORGE L PRATT, RICHARD E ROSNER, BERNARD A	THROMBOLYSIS IN MYOCARDIAL ISCHEMIA-CLINICAL APPLICATION THROMBOLYSIS IN MYOCARDIAL ISCHEMIA-CORE APPLICATION MEDIATORS AND EXPRESSION SYSTEMS IN RENAL INJURY REGULATION OF VASCULAR ALPHA-1 ADRENERGIC RESPONSES SKELETAL MUSCLE ENERGY METABOLISM IN SURGICAL PATIENTS PREVALENCE OF CHRONIC FATIGUE SYNDROME DOCOSAHEXAENOIC ACID & REGULATION OF FETAL HOST DEFENSES DETERMINANTS OF THE ONSET OF MYOCARDIAL INFARCTION CELLULAR ONCOGENES IN GERM CELL TUMORS VASCULAR ANGIOTENSIN IN BLOOD VESSEL HYPERTROPHY STATISTICAL METHODS FOR OPHTHALMOLOGIC AND CLUSTER DATA	2,256,078 818,227 993,524 151,236 95,116 335,461 79,285 385,467 110,586 157,509 153,795
INSTITUTION TOTAL 1R01 AI27850-01	11	5,536,284	311,568
CENTER FOR BLOOD RESEARCH 1R01 HD24704-01A1	AURON, PHILIP E	ACCESSORY CELL ACTIVATION IN THE IMMUNE RESPONSE	311,568
INSTITUTION TOTAL 1R01 HD24704-01A1	1	311,568	311,568
CHILDREN'S HOSPITAL 1R01 AI28193-01	MAJZOOB, JOSEPH A	PLACENTAL CORTICOTROPIN RELEASING HORMONE REGULATION	144,542
INSTITUTION TOTAL 1R01 AI28193-01	1	144,542	144,542
DANA-FARBER CANCER INSTITUTE 1S10 RR04895-01 1R01 CA49530-01 1R29 AI27983-01 1R01 AI28193-01	KOLDNER, RICHARD D LIVINGSTON, DAVID M TAN, KUT-NIE TERWILLIGER, ERNEST F	SHARED MOLECULAR BIOLOGY FACILITY EQUIPMENT REPRESSOR CONTROL OF SV40 TRANSFORMATION T CELL RECEPTOR RECOGNITION MECHANISM MOLECULAR BIOLOGY OF THE VPU GENE OF HIV-1	358,000 156,453 93,000 157,187
INSTITUTION TOTAL 1R01 DE08303-01A1 1R01 DE09018-01	4	764,640	136,722 102,397
FORSYTH DENTAL CENTER 1R01 DE08303-01A1 1R01 DE09018-01	PASTER, BRUCE J STASHENKO, PHILIP	DEVELOPMENT OF DNA PROBES TO PERIODONTAL PATHOGENS MECHANISM OF BONE DESTRUCTION IN PERIAPICAL LESIONS	239,119
INSTITUTION TOTAL 1R01 GM41883-01 1R01 EY08064-01 1R29 HD23926-01A1	BECKWITH, JONATHAN R CEPKO, CONSTANCE L ENDER, GEORGE C	MECHANISM OF PROTEIN SECRETION IN E. COLI MOLECULAR BIOLOGY OF RETINAL DEVELOPMENT SPERMATOGENESIS - STUDY OF DYNAMIC ADHESION EVENTS	312,549 252,662 84,724

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

		DOLLARS AWARDED	
MASSACHUSETTS	BOSTON		
HARVARD UNIVERSITY	LETVIN, NORMAN L LI, YEN	IMMUNE REGULATIONS IN SIV INFECTIONS DIVERSITY AND PATHOGENESIS OF SIVAGM IONIZING RADIATION MUTAGENESIS IN HUMAN CELLS AMYLOID DEPOSITION--AGING AND ALZHEIMER'S DISEASE STRUCTURE-FUNCTION RELATIONSHIPS IN GP120	136,305 179,348 120,574 138,945 494,531
INSTITUTION TOTAL	8	1,719,638	
HEBREW REHABILITATION CENTER FOR AGED		NURSING INTERVENTION TO PROMOTE NH PATIENT FUNCTIONING MENTAL DISORDERS AMONG DELAWARE NURSING HOME PATIENTS	
1R01 NR02054-01 1R01 AG08544-01	MORRIS, JOHN N SHERWOOD, SYLVIA		225,089 130,953
INSTITUTION TOTAL	2	356,042	
INSTITUTE OF MOLECULAR BIOLOGY, INC.		EVALUATION OF DELIVERY SYSTEMS FOR GROWTH FACTORS	
1R43 DE08878-01	LYNCH, SAMUEL E		49,988
INSTITUTION TOTAL	1	49,988	
MASSACHUSETTS EYE AND EAR INFIRMIARY		PERFUSED TRABECULAR MESHWORK AS A MODEL FOR OUTFLOW TOWARD A SELECTIVE IMMUNOTHERAPY FOR CORNEAL TRANSPLANTS	
1R01 EY07321-01A1 1R03 EY03259-01	ERICKSON-LAMY, KRISTINE A LIU, EUGENE Y		143,394 36,115
INSTITUTION TOTAL	2	179,509	
MASSACHUSETTS GENERAL HOSPITAL		REGULATION OF RETINAL GANGLION CELL DEVELOPMENT WRITTEN SENTENCE COMPREHENSION IN APHASIA HORMONE REGULATION AND PATHOGENESIS OF PITUITARY TUMORS INTEGRATED NEUROPEPTIDE REGULATION OF ACTH SECRETION PRE-B TO B LYMPHOCYTE TRANSITION EPIPHYSSEAL RECONSTRUCTION	
1R01 EY08125-01 1R29 NS25910-01A1 1R01 DK40947-01 1R01 DK40788-01 1R29 AI27835-01 1R29 AR39380-01A1	CHUN, LINDA L HILDEBRANDT, NANCY KLIBANSKI, ANNE KOENIG, JAMES I PILLAI, SHIV S ZALESKA, DAVID J		196,390 93,754 149,309 110,485 88,855 130,959
INSTITUTION TOTAL	6	769,752	
NEW ENGLAND DEACONESS HOSPITAL		MEMBRANE-DERIVED GROWTH FACTORS IN HEMATOPOIESIS	
1R29 DK41395-01	FELDMAN, LAURIE		85,372
INSTITUTION TOTAL	1	85,372	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.		REGULATION OF SOD PRODUCTION IN LUNG CELLS	
1R01 HL42376-01	FANBURG, BARRY L		189,372

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
IP01 HL42443-01	FURIE, BRUCE		
IP01 AI27915-01	MADAIÓ, MICHAEL P		
INSTITUTION TOTAL	3	1,811,244	
TUFTS UNIVERSITY			
IP01 AR39595-01A1	CANNON, JOSEPH G	MUSCLE DAMAGE IN AGING--INFLAMMATORY MECHANISMS	167,720
IP01 GM41752-01	MOORE, CLAIRE L	MOLECULAR MECHANISM OF mRNA 3' END FORMATION IN YEAST	105,974
IP01 AI28586-01	OHMAN, JOHN L JR	IMMUNOLOGY OF OCCUPATIONAL ALLERGY	151,136
IP29 CA50767-01	PIWNICA-WORMS, HELEN M	ROLE OF TYROSINE KINASES IN MIDDLE TAG TRANSFORMATION	94,996
INSTITUTION TOTAL	4	519,826	
UNIVERSITY HOSPITAL			
IP29 AI125635-01A2	GILBERT, RICHARD J	INTESTINAL MUSCLE EFFECTS OF CLOSTRIDIUM DIFFICILE TOXIN	89,123
INSTITUTION TOTAL	1	89,123	
CITY TOTAL	56	14,667,289	
BROOKLINE			
DXRX, INC.			
IP43 HD25370-01	HOURIHAN, JOACHIM	DETECTION OF URINE STEROIDS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
CAMBRIDGE			
CAMBRIDGE NEUROSCIENCE RESEARCH			
IP43 NS27381-01	MCBURNEY, ROBERT N	DISUBSTITUTED GUANIDINES--NEW CLASS OF NEUROPRO DRUGS	50,000
INSTITUTION TOTAL	1	50,000	
CAMBRIDGE RESEARCH AND INSTRUMENTATION, INC.			
IP43 GM42248-01	HOYT, CLIFFORD C	IMAGE-PRESERVING TUNABLE FILTER FOR MICROSCOPY	50,000
INSTITUTION TOTAL	1	50,000	
HARVARD UNIVERSITY			
IP01 GM41895-01	GILBERT, WALTER	ROLE OF G4-DNA IN THE PAIRING OF CHROMOSOMES	183,165
INSTITUTION TOTAL	1	183,165	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1R01 NS27215-01 1R01 HL39291-01A2 1R01 GM41934-01 1R01 GM40725-01A1	COHEN, DAVID COHEN, RICHARD J GROSSMAN, ALAN D SIGNER, ETHAN R	FOCAL TRANSCUTANEOUS STIMULATOR AS A NEUROSURGICAL AID BEAT-TO-BEAT VARIABILITY IN HEMODYNAMIC PARAMETERS INITIATION OF SPORULATION IN BACILLUS SUBTILIS HOMOLOGOUS RECOMBINATION IN ARABIDOPSIS THALIANA	214,783 331,642 130,063 210,718
INSTITUTION TOTAL	4	887,206	
SENSIMETRICS CORPORATION 1R43 NS27407-01 1R43 NS26979-01 1R43 HD25365-01	BERKOVITZ, ROBERT BICKLEY, CORINE GOLDHOR, RICHARD	DESIGN OF MUTATIONS IN TISSUE PLASMINOGEN ACTIVATOR SYNTHETIC SPEECH AUDIOMETRIC SCREENING TEST SIGNAL PROCESSING DEVICE FOR IMPAIRED SPEECH ASSESSMENT	50,000 50,000 50,000
INSTITUTION TOTAL	3	150,000	
CITY TOTAL	10	1,320,371	
FRAMINGHAM INTEGRATED GENETICS, INC. 1R43 HL42742-01	MANAVALAN, PARTHASARATHY		
INSTITUTION TOTAL	1	50,000	
CITY TOTAL		50,000	
NORWOOD EIC LABORATORIES, INC. 1R43 GM42253-01	KLEIN, JAMES D	NONMAGNETIC HYPODERMIC NEEDLES FOR MRI ENVIRONMENTS	49,984
INSTITUTION TOTAL	1	49,984	
CITY TOTAL		49,984	
SOMERVILLE AUDIOLOGICAL ENGINEERING CORPORATION 1R43 NS27399-01	FRANKLIN, DAVID	MULTIPLE MODALITY ASSISTIVE LISTENING DEVICE	50,000
INSTITUTION TOTAL	1	50,000	
SCIENCE RESEARCH LABORATORY, INC. 1R43 HL42176-01	SHEFFER, RUTH E	KA DUAL ENERGY X-RAY SOURCE FOR CORONARY ANGIOGRAPHY	49,956
INSTITUTION TOTAL	2	99,956	
CITY TOTAL			

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DOLLARS
AWARDED

MASSACHUSETTS WALTHAM BRANDEIS UNIVERSITY 1S10 RR04671-01 1R01 NS27337-01	DEROSIER, DAVID J LISMAN, JOHN E	COMPUTER SYSTEM FOR STRUCTURAL BIOLOGY MECHANISM OF LONG-TERM POTENTIATION	306,000 122,854
INSTITUTION TOTAL CITY TOTAL	2	428,854 428,854	
WATERTOWN RADIATION MONITORING DEVICES, INC. 1R43 GM42247-01	SQUILLANTE, MICHAEL R	NEW HIGH Z SEMICONDUCTOR SENSOR FOR POSITRON TOMOGRAPHY	50,000
INSTITUTION TOTAL	1	50,000	
SUMMIT TECHNOLOGY, INC. 1R43 HL42202-01	CARO, RICHARD G	INTRALUMINAL ULTRASOUND IMAGING--CORONARY APPLICATION	49,702
INSTITUTION TOTAL CITY TOTAL	1 2	49,702 99,702	
WAYLAND CANDELA LASER CORPORATION 1R43 EY08160-01	SCHLIER, ROBERT	INFRARED FUNDUS VIDEOANGIOGRAPHY SYSTEMS	48,357
INSTITUTION TOTAL CITY TOTAL	1	48,357 48,357	
WELLESLEY WELLESLEY COLLEGE 1R01 NS26402-01A1 1R15 HL42597-01	EICHENBAUM, HOWARD B SMITH, DENNIS M	BEHAVIORAL AND PLACE CORRELATES OF HIPPOCAMPAL NEURONS CHARACTERIZATION OF INDUCED LUNG FIBROGENESIS	146,334 112,899
INSTITUTION TOTAL CITY TOTAL	2 2	259,233 259,233	
WOBURN ALDER RESEARCH CENTER LIMITED PARTNERSHIP 1R43 GM42285-01	QUICK, JAMES	EFFICIENT SYNTHESIS OF INDOLACTAM-TYPE PKC ACTIVATORS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WORCESTER CLARK UNIVERSITY 1R15 GM42104-01	GREENAWAY, FREDERICK T	ACTIVE SITE STUDIES OF COPPER-CONTAINING AMINE OXIDASES	106,139
INSTITUTION TOTAL	1	106,139	
UNIVERSITY OF MASSACHUSETTS 1R01 GM41991-01	MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER LAWRENCE, JEANNE B	FLUORESCENT GENE MAPPING AT INTERPHASE & METAPHASE	192,915
INSTITUTION TOTAL	1	192,915	
VIOMEDICS INC. 1R43 AI27583-01	RUDOLPH, NATALIE S	NOVEL FLUOROCHROMES FOR IMMUNODIAGNOSTIC ASSAYS	50,000
INSTITUTION TOTAL	1	50,000	
WORCESTER POLYTECHNIC INSTITUTE 1R15 GM41954-01	ADAMS, DAVID S	PHYSARUM U7 SMALL NUCLEAR RNA	102,610
INSTITUTION TOTAL	1	102,610	
CITY TOTAL	4	451,664	
STATE TOTAL	86	17,900,506	
MICHIGAN			
ANN ARBOR CHI SYSTEMS INC. 1R43 GM42331-01	ZACHARY, WAYNE W	INTELLIGENT SOFTWARE FOR WORKING WITH CHEMICAL DIAGRAMS	46,154
INSTITUTION TOTAL	1	46,154	
EP SYSTEMS 1R43 HL41406-01A1	MAC DONALD, ROBERT	COMPUTER SYSTEM FOR THE ELECTROPHYSIOLOGY LABORATORY	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R01 NS26529-01A1	BOOKSTEIN, FRED L	DEFORMATIONS AND THE ANATOMY OF FUNCTIONAL IMAGES	262,873
1R01 AI26818-01A1	CEASE, KEMP B	RATIONAL PEPTIDE COMPONENT VACCINES FOR AIDS	190,092
1R29 AR39691-01	FISHER, GARY J	PHOSPHOLIPASE C/PROTEIN KINASE C IN PSORIATIC EPIDERMIS	98,279
1R37 AG07637-01A1	HERMALIN, ALBERT I	COMPARATIVE STUDY OF THE ELDERLY IN FOUR ASIAN COUNTRIES	258,778
1R01 GM41908-01	KNOCHEL, PAUL I	NEW HIGHLY FUNCTIONALIZED COPPER AND ZINC REAGENTS	123,183
1R29 AI27837-01	KOOMEY, J MICHAEL	GONOCOCCAL PILI-STUDIES OF STRUCTURE AND FUNCTION	96,157

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RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
MICHIGAN ANN ARBOR	UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R13 DE08855-01 1R13 HL42494-01 1R01 GM41840-01 1R01 CA48023-01A1 1R29 DK41393-01 1R29 HL40526-01A1	LANG, BRIEN R LUCCHESI, BENEDICT R THIELE, DENNIS J THOMPSON, CRAIG B TRABER, PETER G WARREN, JEFFERY S	NATIONAL SYMPOSIUM--PROSTHODONTICS 21ST CENTURY PHARMACOLOGIC MECHANISMS AND HEART DISEASE COPPER HOMEOSTASIS IN YEAST GENE CONVERSION IN MYC- INDUCED BURSAL LYMPHOMAS INTESTINAL AND COLONIC CYTOCHROME P450 GENE EXPRESSION MONOCYTE-MACROPHAGE CYTOKINE-- IMMUNE COMPLEX LUNG INJURY	2,000 8,000 189,768 112,404 92,815 111,300
INSTITUTION TOTAL CITY TOTAL	12 14	1,545,649 1,641,803		
DETROIT MICHIGAN CANCER FOUNDATION 1R01 GM41810-01 1R01 CA49783-01	PAIN, PHILIP L WANG, CHING Y	MECHANISMS OF NUCLEAR PROTEIN ACCUMULATION GENETIC ALTERATIONS INVOLVED IN BLADDER CARCINOGENESIS	162,947 190,221	
INSTITUTION TOTAL	2	353,168		
WAYNE STATE UNIVERSITY 1R01 GM38243-01A2 1R13 CA49262-01	ALBIZATI, KIM F KESSEL, DAVID H	NEW METHODS OF OXYGEN HETERO CYCLE SYNTHESIS PHOTODYNAMIC THERAPY	86,129 10,000	
INSTITUTION TOTAL CITY TOTAL	2 4	96,129 449,297		
EAST LANSING MICHIGAN STATE UNIVERSITY 1S10 RR04927-01 1R01 AI26542-01A1	ATCHISON, WILLIAM D KIERSZENBAUM, FELIPE	SPEX CM/IM CATION MEASUREMENT/IMAGING SYSTEM LYMPHOCYTE MODULATION BY TRYPANOSOMA CRUZI	90,000 225,688	
INSTITUTION TOTAL CITY TOTAL	2 2	315,688 315,688		
GRAND RAPIDS CALVIN COLLEGE 1R15 GM42074-01	GRAY, TERRY M	STABILITY MUTANTS OF PHAGE T4 LYSOZYME	102,709	102,709
INSTITUTION TOTAL CITY TOTAL	1 1	102,709 102,709		

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RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

MICHIGAN			
ROYAL OAK	WILLIAM BEAUMONT HOSPITAL CORPORATION--WILLIAM BEAUMONT HOSPITAL		
1S07 RR06016-01	BERNSTEIN, JAY	BIOMEDICAL RESEARCH SUPPORT GRANT	13,773
INSTITUTION TOTAL	1	13,773	
CITY TOTAL	1	13,773	

YPSILANTI	BIOPHOTONICS CORPORATION	INSTRUMENT FOR RAPID ANALYSIS OF DNA FRAGMENTS	50,000
1R43 GM42321-01	STIEGMAN, JEFFERY M		
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	23	2,573,270	

MINNESOTA			
COON RAPIDS	EDDOTRONICS, INC.	AUTOMATED CULTURE OF LYMPHOKINE ACTIVATED KILLER CELLS	48,965
1R43 CA48573-01A1	HIRSCHEL, MARK D		
INSTITUTION TOTAL	1	48,965	
CITY TOTAL	1	48,965	
EDEN PRAIRIE	BIO-METRIC SYSTEMS, INC.	CELL ADHESION PEPTIDES TO IMPROVE CULTURE SURFACE	50,000
1R43 GM42233-01	CLAPPER, DAVID L	NOVEL SUPPORTS FOR CARBOHYDRATE IMMOBILIZATION	50,000
1R43 AI27614-01	DUNKIRK, SHAWN G		
INSTITUTION TOTAL	2	100,000	
CITY TOTAL	2	100,000	

MINNEAPOLIS	HENNEPIN COUNTY MEDICAL CENTER	BIOMEDICAL RESEARCH SUPPORT GRANT	17,672
1S07 RR06019-01	KEANE, WILLIAM F		
INSTITUTION TOTAL	1	17,672	
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R29 DE09175-01	ANN, DAVID K	GENE EXPRESSION OF SALIVARY GLAND SPECIFIC GENES	87,194

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TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL	UNIVERSITY SYSTEM OF MINNESOTA--MOORHEAD STATE	UNIVERSITY	98,326
1R01 HD19724-01A3	BROWN, JUDITH E	EPIDEMIOLOGICAL STUDY OF RISKS TO REPRODUCTIVE OUTCOMES			339,141
1R01 NS27729-01	DREWES, LESTER R	MODULATION OF GLUCOSE TRANSPORTERS IN BRAIN ENDOTHELIUM			89,689
1R01 NS27210-01	EBNER, TIMOTHY J	IMAGING SPATIAL ASPECTS OF CEREBELLAR ACTIVITY			95,418
1S10 RR04973-01	ERLANDSEN, STANLEY L	PURCHASE OF LOW VOLTAGE SCANNING ELECTRON MICROSCCPE			400,000
1R01 GM42148-01	ETTER, MARGARET C	HYDROGEN-BOND RULES FOR ORGANIC COMPOUNDS			165,519
1R37 AI28246-01	HAASE, ASHLEY T	PATHOGENESIS OF HIV INDUCED IMMUNODEFICIENCY			186,015
1R01 GM39783-01A1	HANNA, PATRICK E	N-HYDROXYBENZOLACTAMS AS PROTEASE INHIBITORS			78,152
1R01 HL41332-01A1	JEFFERY, ROBERT W	DIETARY INTERVENTION METHODS FOR CLINICAL TRIALS			250,712
1R01 AI27998-01	JENKINS, MARC K	COSTIMULATORY SIGNALS IN CD4+ T CELL ACTIVATION			126,767
1R01 NS26348-01A1	KENNEDY, WILLIAM R	DIABETIC NEUROPATHY TREATED BY PANCREAS TRANSPLANTATION			137,017
1R01 GM40541-01A1	LIU, HUNG-WEN	MECHANISMS OF ENZYME INACTIVATION BY CYCLOPROPYL GROUPS			149,857
1R01 AI28236-01	REMMEL, RORY P	CARBOVIR PRODRUGS--SYNTHESIS, METABOLISM, AND KINETICS			139,998
1R01 NS27019-01	SAWCHUK, RONALD J	ENHANCING BRAIN UPTAKE OF AZT BY TRANSPORT INHIBITION			106,778
1R01 CA46907-01A1	SAWCHUK, RONALD J	SCREENING FOR NEUROBLASTOMA IN INFANTS			789,396
1R01 GM40463-01A1	ZWIZINSKI, CRAIG W	CYTOSOLIC ENZYMOLOGY OF MITOCHONDRIAL PROTEIN IMPORT			124,523
INSTITUTION TOTAL	16	3,266,176			
CITY TOTAL	17	3,283,848			
MOORHEAD STATE UNIVERSITY	PEZESHK, ABBAS	MAGNETIC SPIN-SPIN INTERACTIONS OF COENZYME B12			
1R15 GM42066-01					
INSTITUTION TOTAL	1	98,326			
CITY TOTAL	1	98,326			
ROCHESTER					
MAYO FOUNDATION					
1R01 HL41046-01A1	GREENLEAF, JAMES F	MULTIDIMENSIONAL HEART IMAGING WITH ULTRASOUND			253,717
1R01 NS266301-01A1	MEYER, FRÉDÉRIC B	NIMODIPINE AS AN ADD-ON THERAPY FOR INTRACTABLE EPILEPSY			148,778
1R29 HL42614-01	MILLER, VIRGINIA M	MODULATION OF ENDOTHELIAL FUNCTION IN VASCULAR GRAFTS			75,811
1S10 RR04885-01	PRENDERGAST, FRANKLIN G	AMRAY MODEL 1820 1/D			137,000
1R01 GM41797-01	RORIE, DUANE K	ANESTHESIA AND NOREPINEPHRINE/NEUROPEPTIDE INTERACTIONS			168,099
INSTITUTION TOTAL	5	783,405			
CITY TOTAL	5	783,405			
STATE TOTAL	26	4,314,544			

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DOLLARS
AWARDED

GRANT NUMBER		TITLE OF RESEARCH PROPOSAL		
NIH GRANTS	DOLLARS AWARDED			
MISSISSIPPI				
JACKSON				
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER				
1R29 GM41667-01	BERNANKE, DAVID H	MATRIX MEDIATED MECHANISMS IN DELAYED WOUND HEALING	82,516	
1R29 GM40521-01A1	NORGUM, MONA T	STRUCTURE OF AMINOACYL-TRNA SYNTHETASE COMPLEXES	90,312	
INSTITUTION TOTAL	2	172,828		
CITY TOTAL		172,828		
UNIVERSITY				
UNIVERSITY OF MISSISSIPPI				
1R01 DE08641-01A1	GROSS, ALAN M	ORAL FACTORS--IMPACT ON DENTO-FACIAL DEVELOPMENT AND TX	64,698	
INSTITUTION TOTAL	1	64,698		
CITY TOTAL	1	64,698		
STATE TOTAL	3	237,526		
MISSOURI				
COLUMBIA				
UNIVERSITY OF MISSOURI-COLUMBIA				
1R01 AI25055-01A2	PARKER, CHARLOTTE D	DELIVERY OF PERTUSSIS VACCINE ANTIGENS BY OTHER MICROBES	98,264	
1R29 RR04568-01	RILEY, LEILA K	MOLECULAR BASIS OF TYZZER'S DISEASE IN RESEARCH ANIMALS	80,590	
INSTITUTION TOTAL	2	178,854		
CITY TOTAL	2	178,854		
KANSAS CITY				
UNIVERSITY OF MISSOURI-KANSAS CITY				
1R01 AR39892-01	SPRITZ, RICHARD A	GENETIC STUDIES OF OCULOCUTANEOUS ALBINISM	120,619	
INSTITUTION TOTAL	1	120,619		
CITY TOTAL	1	120,619		
KIRKSVILLE				
KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE				
1R03 EY08177-01	FLESCHNER, CHARLES R	MEMBRANE LIPID COMPOSITION OF CULTURED LENS CELLS	30,700	
INSTITUTION TOTAL	1	30,700		
CITY TOTAL		30,700		

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

MISSOURI SAINT LOUIS BETHESDA EYE INSTITUTE 1S07 RR07247-01	SCHANZLIN, DAVID J	13,817	BIOMEDICAL RESEARCH SUPPORT GRANT	13,817
INSTITUTION TOTAL	1	13,817		
ST. LOUIS UNIVERSITY 1R01 GM40732-01A1 1R01 AI28201-01 1R01 GM41602-01	EISSENBERG, JOEL C GREEN, MAURICE GREEN, MICHAEL	501,200	MOLECULAR CYTOGENETICS OF HETEROCHROMATIN REGULATION OF HIV GENE EXPRESSION BY TAT MUTANT PEPTIDE REGULATION OF ER SYNTHESIS IN LYMPHOCYTE DIFFERENTIATION	118,665 271,410 111,125
INSTITUTION TOTAL	3	501,200		
UNIVERSITY OF MISSOURI-ST. LOUIS 1R15 GM42194-01	RIEHL, JAMES P	102,378	CIRCULARLY POLARIZED LUMINESCENCE FROM BIOMOLECULAR	102,378
INSTITUTION TOTAL	1	102,378		
WASHINGTON UNIVERSITY 1S10 RR05018-01 1R01 AI27161-01 1R29 HL42665-01 1R03 EY08222-01 1R01 DE08697-01A1 1R01 AR39472-01A1 1R01 HL41290-01A1 1R29 GM41841-01 1R29 GM41729-01 1R01 HD25614-01 1R01 GM41675-01 1R01 HL42460-01 1R03 EY07872-01A1 1R01 DE08909-01 1R01 CA48286-01 1S10 RR04950-01	ACKERMAN, JOSEPH J BEACHY, ROGER N FORD, DAVID A GANS, LAWRENCE A GERMAN, REBECCA Z GOLDBERG, GREGORY I MARTIN, WADE H PAKRASI, HIMADRI B PIKE, LINDA J SCHEID, TIMOTHY B SCHLESSINGER, DAVID SCHONFELD, GUSTAV SULLIVAN, JOHN M VANNIER, MICHAEL W WELCH, MICHAEL J WELDON, VIRGINIA V	2,691,954 3,309,349 3,639,522	REQUEST TO PURCHASE A 400 MHZ NMR SPECTROMETER TMV-COAT PROTEIN IN ENGINEERED CROSS-PROTECTION PLASMALOGEN CATABOLISM DURING MYOCARDIAL ISCHEMIA TRANSPLANTATION OF FUNCTIONAL TRABECULAR MESHWORK ONTOGENY OF FEEDING BEHAVIOR ECM PROTEASES IN INFLAMMATION, FIBROSIS & TUMORIGENESIS SKELETAL MUSCLE ADRENERGIC RECEPTOR PATHOPHYSIOLOGY USE OF MUTANTS TO STUDY CYANOBACTERIAL MEMBRANE PROTEINS CLONING OF A PHOSPHATIDYLINOSITOL KINASE ANALYSIS OF GERMLINE SEX DETERMINATION IN C. ELEGANS HUMAN DISTAL EQ DNA--ANALYSIS WITH YACs METABOLISM OF GENETIC VARIANTS OF APOLIPOPROTEIN B RHODOPSIN-MODULATED IONIC CONDUCTANCES IN CHLAMYDOMONAS DIAGNOSTIC IMAGING OF CRANIOSYNOSTOSES IN VIVO ASSESSMENT OF TUMOR RECEPTOR LEVELS USING PET MICROVAX COMPUTING SYSTEM	400,000 119,064 104,448 39,750 173,667 197,293 160,360 96,883 83,773 145,669 209,087 280,600 25,236 220,500 211,624 224,000
INSTITUTION TOTAL	16	2,691,954		
CITY TOTAL	21	3,309,349		
STATE TOTAL	25	3,639,522		

MONTANA
GREAT FALLS
COLUMBUS HOSPITAL
1S07 RR06017-01BROWNING, MAURICE J
BIOMEDICAL RESEARCH SUPPORT GRANT
18,522

NIH
RESEARCH GRANTS

GRANT NUMBER **PRINCIPAL INVESTIGATOR** TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

INSTITUTION TOTAL	1	18,522
CITY TOTAL	1	18,522
MONTANA		
MISSOULA		
MONTANA UNIVERSITY SYSTEM--UNIVERSITY OF MONTANA		
1S03 RR03514-01 HILL, WALTER E		3,000
INSTITUTION TOTAL	1	3,000
CITY TOTAL	1	3,000
STATE TOTAL	2	21,522
NEBRASKA		
LINCOLN		
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN		
1R01 GM43043-01 O'LEARY, MARION H		1143, 674
1R15 DE08964-01 PETRO, THOMAS MARTIN		92,166
1R29 GM41803-01 PRICE, CAROLYN M		78,497
INSTITUTION TOTAL	3	314,337
CITY TOTAL	3	314,337
OMAHA		
CREIGHTON UNIVERSITY		
1R01 CA48802-01 LYNCH, HENRY T		1167,978
INSTITUTION TOTAL	1	167,978
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER		
1S03 RR03507-01 BAUN, MARA M		3,000
1R01 CA49135-01 IVERSEN, PATRICK L		93,217
INSTITUTION TOTAL	2	96,217
CITY TOTAL	3	264,195

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL 1 110,250
CITY TOTAL 1 110,250

NEW HAMPSHIRE			
HANOVER	DARTMOUTH COLLEGE	SORENSEN, GEORGE D	MOLECULAR GENETIC STUDIES OF METASTASIS IN LUNG CANCER
1R01 CA47248-01A1			
INSTITUTION TOTAL	1	157,575	
CITY TOTAL	1	157,575	
STATE TOTAL	2	267,825	
NEW JERSEY			
METUCHEN	EDISON BIOTECHNOLOGY DIVISION	BRUNNER, MICHAEL	HPLC HYBRIDIZATION ANALYSIS WITH FLUORESCENT DNA PROBES
1R43 GM42323-01			
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
NEW BRUNSWICK	RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK		
1R01 HD24649-01A1	BONDER, EDWARD M	ACTIN IN EMBRYOGENESIS--MECHANISMS OF REGULATION	
1R01 AG07972-01	DENHARDT, DAVID T	ALTERED GENE EXPRESSION IN IMMORTAL/SENESCENT CELLS	
1R29 GM42166-01	GOLDMAN, ADRIAN	STRUCTURAL STUDIES OF ALPHA-BETA BARREL ENZYMES	
INSTITUTION TOTAL	3	315,359	
CITY TOTAL	3	315,359	
NEWARK	UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY		
1S03 RR03505-01	CHANCE, KENNETH	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	
1R01 CA49422-01	HALL, ALAN K	MOLECULAR ACTIONS OF RETINOIDS IN NEOPLASTIC CELL GROWTH	
INSTITUTION TOTAL	2	152,836	
CITY TOTAL	2	152,836	

PISCATAWAY	UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY		
1R01 DK39035-01A2	BROLIN, ROBERT E	QUANTITATIVE ASSESSMENT OF INTESTINAL ISCHEMIC DISEASE	
INSTITUTION TOTAL			93,005
CITY TOTAL			149,836
INSTITUTION TOTAL			3,000
CITY TOTAL			138,105
INSTITUTION TOTAL			157,166
CITY TOTAL			20,088

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1R29 GM40087-01A1 MARCH, PAUL E		ANALYSIS OF E COLI GTP-BINDING PROTEINS AND THEIR GENES	98,735
1R01 NS25100-01A2 WEISS, HARVEY R		CEREBRAL CAPILLARY PERFUSION DURING 02 LACK	134,239
INSTITUTION TOTAL	3	325,979	
CITY TOTAL	3	325,979	
PRINCETON EDUCATIONAL TESTING SERVICE			
1R01 HD24770-01 BROOKS-GUNN, JEANNE		NUTRITION AND BEHAVIOR IN ADOLESCENT GIRLS	200,623
INSTITUTION TOTAL	1	200,623	
PRINCETON UNIVERSITY 1R01 NS27287-01 OLSON, CARL R		SENSORIMOTOR INTEGRATION IN CINGULATE CORTEX	135,914
1R29 HD25557-01 WAY, JEFFREY C		GENETIC CONTROL OF CELL TYPE IN C ELEGANS	97,613
INSTITUTION TOTAL	2	233,527	
CITY TOTAL	3	434,150	
STATE TOTAL	12	1,278,324	
NEW MEXICO ALBUQUERQUE HOSPITAL CORPORATION OF AMERICA--LOVELACE MEDICAL CENTER		RADIATION INDUCED CHROMOSOME DAMAGE IN VIVO	110,493
1R01 CA45590-01A1 BROOKS, ANTOINE L			
INSTITUTION TOTAL	1	110,493	
UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1R29 CA48003-01 BECKER, THOMAS M		EPIDEMIOLOGY OF CERVICAL DYSPLASIA IN MINORITY WOMEN	113,969
1R01 AR39922-01 TROTTER, JOHN A		LONG MUSCLES WITH SERIES FIBERS--ULTASTRUCTURE	69,689
INSTITUTION TOTAL	2	183,658	
CITY TOTAL	3	294,151	
LOS ALAMOS UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY		PHASE FLOW CYTOMETRY	173,459
1R01 GM38287-01A1 JOHNSTON, ROGER G			
INSTITUTION TOTAL	1	173,459	
CITY TOTAL	1	173,459	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
STATE TOTAL	4	467,610

NEW YORK	ALBANY STATE UNIVERSITY OF NEW YORK AT ALBANY 1R01 HD23402-01A2 MC CORMICK, PAULETTE J	BIOCHEMICAL AND GENETIC ANALYSES OF AN EMBRYONIC ANTIGEN 102,748
INSTITUTION TOTAL	1	102,748
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1R01 AI26072-01A1 GUDEWICZ, PAUL W	SURFACE CONTACT MODULATION OF PHAGOCYTE FUNCTION 135,512	
INSTITUTION TOTAL	1	135,512
CITY TOTAL	2	238,260

BINGHAMTON STATE UNIVERSITY OF NEW YORK AT BINGHAMTON 1R01 DK4019-01 STOREY, KENNETH B	ORGAN CRYOPRESERVATION--MODEL OF FREEZE TOLERANCE 181,694	
INSTITUTION TOTAL	1	181,694
CITY TOTAL	1	181,694

BUFFALO MEDICAL FOUNDATION OF BUFFALO, INC. 1R01 DK41009-01 CODY, VIVIAN	PROTEIN BINDING INTERACTIONS OF THYROACTIVE COMPOUNDS 140,845	
INSTITUTION TOTAL	1	140,845
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE 1R01 CA46732-01A1 GRECO, WILLIAM R	DETERMINATION OF SYNERGISM, ADDITIVITY & ANTAGONISM 120,439	
1R01 HD25419-01 PRUITT, STEVEN C	LINEAGE SPECIFIC CDNA MARKERS DURING MOUSE EMBRYOGENESIS 126,434	
1R01 CA46896-01A2 SHARMA, MINOTTI	FLUORESCENCE POSTLABELING ASSAY FOR DNA DAMAGE 110,281	
INSTITUTION TOTAL	3	357,154

STATE UNIVERSITY OF NEW YORK AT BUFFALO 1R01 NS27144-01 AHMED, ZAHUR 1S03 RR03498-01 BULLOUGH, BONNIE 1R01 AI27251-01A1 KALMAN, THOMAS I 1R29 GM42138-01 KOUDELKA, GERALD B 1R01 NS27016-01 LEWIS, CAROL A 1R29 GM40551-01A1 MORRIS, MARILYN E	EFFECTS OF MEMBRANE FATTY ACIDS ON NEURONAL ION CHANNELS MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM MOLECULAR APPROACHES TO ANTI-HIV DRUG DEVELOPMENT DNA SEQUENCE RECOGNITION--ROLE OF DNA FLEXIBILITY TRANSMITTER-GATED CONDUCTIONS IN BRAIN NEURONS PHARMACOLOGIC ALTERATIONS OF SULFATE HOMEOSTASIS 84,226 3,000 127,253 97,103 114,455 110,121
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NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
BUFFALO	STATE UNIVERSITY OF NEW YORK AT BUFFALO	TREVISAN MAURIZIO	DIET INSTRUMENT FOR A POPULATION WITH VARIED INTAKES NEW AFFINITY REAGENTS FOR THE ACTIVE STIES OF KINASES	28,437 118,74
1R03 CA49426-01	1R01 GM41610-01	WANG, JUI H		
INSTITUTION TOTAL	8		683,369	50,000
T AND B BIOCLONE	1R43 AI26394-01A1	KELLEHER, RAYMOND J	CELL SEPARATION BY IMMUNOFLOTATION	
INSTITUTION TOTAL	1		50,000	
CITY TOTAL	13		1,231,368	
COLD SPRING HARBOR	COLD SPRING HARBOR LABORATORY	GRODZICKER, TERRI I	REGULATION OF LIVER GENE EXPRESSION	16,250
1R13 DK41273-01				
INSTITUTION TOTAL	1		16,250	
CITY TOTAL	1		16,250	
GENESEO	STATE UNIVERSITY OF NEW YORK--COLLEGE AT GENESEO	O'DONNELL, ROBERT W	MACROPHAGES, CYTOKINES AND ANGIOGENESIS IN TUMOR GROWTH	106,474
1R15 CA49962-01				
INSTITUTION TOTAL	1		106,474	
CITY TOTAL	1		106,474	
ITHACA	CORNELL UNIVERSITY ITHACA			
1R01 GM39764-01A1	COLLUM, DAVID B			
1R01 HL40800-01A1	GILMOUR, ROBERT F JR			
1R01 AG07429-01A1	HEPPEL, LEON A			
1R29 NS27039-01	PHILLIPS, LAURA A			
INSTITUTION TOTAL	4		405,043	
CITY TOTAL	4		405,043	
LAKE PLACID	W. ALTON JONES CELL SCIENCE CENTER	MC KEEEHAN, WALLACE L		
1R01 DK40739-01				
INSTITUTION TOTAL	1		196,144	

196,144

HUMAN HEPARIN-BINDING GROWTH FACTOR RECEPTOR

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	196,144	
NEW YORK MANHASSET NORTH SHORE UNIVERSITY HOSPITAL IR01 A128281-01	PAHWA, SAVITA	HIV ENVELOPE GLYCOPROTEINS AND IMMUNITY	223,823
INSTITUTION TOTAL	1	223,823	
ONCOGENE SCIENCE, INC. IR43 CA49337-01	TEN DILKE, PETER	EUKARYOTIC EXPRESSION OF TRANSFORMING GROWTH FACTOR B3	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	2	273,823	
NEW YORK APPLIED MICROBIOLOGY, INC. IR43 A127604-01	BLACKBURN, PETER	ENZYME TAGGED-ANTIGEN IMMUNODIAGNOSTIC ASSAY	48,720
INSTITUTION TOTAL	1	48,720	
CITY UNIVERSITY OF NEW YORK--COLLEGE OF STATEN ISLAND IS07 RRO7244-01	NAIDER, FRED	ST. GEORGE CAMPUS BIOMEDICAL RESEARCH SUPPORT GRANT	111,537
INSTITUTION TOTAL	1	111,537	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE IR29 HD23250-01A2	BIEKER, JAMES J	XENOPUS GENE EXPRESSION--DIFFERENTIATION & DEVELOPMENT	68,774
IR01 HL42585-01	HEALY, DENNIS P	REGULATION OF BRAIN ANGIOTENSIN II IN HYPERTENSION	122,083
INSTITUTION TOTAL	2	190,857	
CITY UNIVERSITY OF NEW YORK--YORK COLLEGE IR15 GM42199-01	JOHNSON, LAWRENCE W	ELECTRONIC SPECTROSCOPY OF BACTERIORHODOPSIN	126,900
INSTITUTION TOTAL	1	126,900	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK IR01 DK39532-01A1	AL-AWAGI, QATIS	EPITHELIAL CHLORIDE CHANNEL	212,597
IR01 CA49672-01	GEARD, CHARLES R	SHORT-RANGE RADIATIONS - LESIONS AND CHROMOSOMAL CHANGES	246,018
IR01 ES05025-01	GRAZIANO, JOSEPH H	DMSA - NEW ORAL ANTIDOTE FOR CHILDHOOD LEAD POISONING	155,584
IR01 GM42026-01	GUNDERSEN, GREGG G	GENERATION OF CELLULAR ASYMMETRY	179,008
IR29 NS26892-01	HERBERT, JOSEPH	BIOSYNTHETIC ACTIVITY OF THE CHOROID PLEXUS	95,870

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL	
NEW YORK	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY	NEW YORK
1R01 GM41815-01 KALDERON, DANIEL D	
1R13 DK41608-01 LEVINTHAL, CYRUS	151,435
1R13 DK41608-01 MAYEUX, RICHARD P	17,550
1P01 AG07232-01A1 SHEA, STEVEN J	1,300,958
1R01 HL38260-01A2 STERN, DAVID M	166,158
1R01 HL42833-01 STERN, DAVID M	186,575
1R01 HL42507-01 STERN, DAVID M	165,744
1R01 GM41730-01A1 SYMINGTON, LORRAINE S	407,625
1R01 GM41784-01 TORAN-ALLERAND, C	179,569
1R01 AG08099-01 DOMINIQUE	155,740
1R01 HL42392-01 WEINBERGER, JUDAH Z	163,201
INSTITUTION TOTAL	15 3,783,632
CORNELL UNIVERSITY MEDICAL CENTER	
1R29 EY08055-01 AOKI, CHIYE J	93,887
1R01 HL43027-01 HILGARTNER, MARGARET W	310,001
1R01 NS27416-01 PETITO, CAROL K	164,290
INSTITUTION TOTAL	3 568,178
ENGINEERING FOUNDATION	
1R13 HL42566-01 WELCH, ASHLEY J	19,000
INSTITUTION TOTAL	1 19,000
ENZO BIOCHEM, INC.	
1R43 GM41561-01 HURLEY, IAN	41,555
1R43 GM42273-01 YANG, HUEY-LANG	38,443
INSTITUTION TOTAL	2 79,998
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES	
1S10 RR04790-01 KOUTCHER, JASON A	400,000
INSTITUTION TOTAL	1 400,000
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	
1R01 DK41079-01 SHEFFERY, MICHAEL B	164,967
INSTITUTION TOTAL	1 164,967
MONTEFIORE MEDICAL CENTER	
1R01 AG08125-01 KELMAN, HOWARD R	273,356
INSTITUTION TOTAL	1 273,356
FUNCTIONS OF CAMP-DEPENDENT PROTEIN KINASE IN DROSOPHILA	
MOLECULAR DYNAMICS ALGORITHMS AND APPLICATIONS	
EPIDEMIOLOGY OF DEMENTIA IN AN URBAN COMMUNITY	
EPIDEMIOLOGY OF HYPERTENSIVE EMERGENCY	
TUMOR-INDUCED MODULATION OF ENDOTHELIAL CELL FUNCTION	
MODULATION OF ENDOTHELIAL CELL FUNCTION OF HYPOXIA	
PREDICTORS OF SEVERITY IN ALZHEIMER'S DISEASE	
BIOCHEMICAL ANALYSIS OF GENETIC RECOMBINATION IN YEAST	
INTERACTIONS OF NGF/ESTROGEN IN CNS DEVELOPMENT & AGING	
CELLULAR METABOLISM IN RESPONSE TO HYPERCHOLESTEROLEMIA	
VISUAL CORTEX--CELLULAR BASIS FOR NORADRENERGIC ACTIONS	
NEW PROMISE FOR ORAL IRON CHELATION	
BRAIN AND SPINAL CORD DISEASE IN HIV INFECTION	
FUTURE DIRECTION FOR LASERS IN MEDICINE	
HOMOGENEOUS TIME RESOLVED FLUORESCENCE DNA HYBRIDIZATION	
ASSAY FOR SIMULTANEOUS DETECTION OF MULTIPLE HPV TYPES	
DEDICATED ANIMAL NMR	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK NEW YORK ACADEMY OF SCIENCES 1R13 HL42542-01	BOCKMAN, DALE E	EMBRYONIC ORIGINS OF DEFECTIVE HEART DEVELOPMENT	20,000
INSTITUTION TOTAL	1	20,000	
NEW YORK BLOOD CENTER 1R01 CA50897-01	GERMAN, JAMES L, III	MOLECULAR ANALYSIS OF SOMATIC RECOMBINATION	132,769
INSTITUTION TOTAL	1	132,769	
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST BASIC RES DEV 1R13 HD25545-01	BROWN, W TED	FRAGILE X SYNDROME AND X-LINKED MENTAL RETARDATION	23,512
INSTITUTION TOTAL	1	23,512	
NEW YORK UNIVERSITY 1R01 HL39902-01	ANVERA, PIERO CHESLER, MITCHELL FRIEDMAN, JACQUELINE E KALLENBACH, NEVILLE R MARGOLIS, RICHARD U MARTY, LUIS A PACHTER, BRUCE R TEEBOB, GEORGE W	AGING OF THE HEART INTRACELLULAR PH HOMEOSTASIS IN GLIA ELISE AUTOIMMUNE & GENETIC ANTIGENS--MULTIPLE SCLEROSIS DETERMINANTS OF TERTIARY STRUCTURE IN MYOGLOBINS NEURONAL CELL-SURFACE GLYCOCOCONJUGATES THERMODYNAMICS OF DNA CONFORMATION & INTERACTIONS EFFECTS OF LONG-TERM USE OF PARTIALLY DENERVATED MUSCLE GENOMIC DISTRIBUTION AND PHYLOGENY OF DNA REPAIR	150,101 102,700 108,962 183,521 105,296 153,474 150,121 119,585
INSTITUTION TOTAL	8	1,073,760	
ROCKEFELLER UNIVERSITY 1R01 GM40791-01A1 1R01 NS26288-01A1 1R01 NS25913-01A1	DETMERS, PATRICIA A MACKEL, ROBERT G MCCABE, JOSEPH T	REGULATION OF RECEPTOR-LIGAND INTERACTIONS SPINAL INPUT TO MOTOR THALAMUS mRNA & PEPTIDE SYNTHESIS OF VASOPRESSIN AND OXYTOCIN	151,482 117,807 120,933
INSTITUTION TOTAL	3	390,222	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1R01 DK39966-01A1	WAIT, RICHARD B	CHARACTERIZATION OF CYCLOSPORINE NEPHROTOXICITY	209,272
INSTITUTION TOTAL	1	209,272	
YESHIVA UNIVERSITY 1S10 RR04831-01 1R01 DK42027-01 1R01 GM41916-01	FANT, JANE MELMAN, ARNOLD SCHRAMM, VERN L	PURCHASE OF A SCANNING ELECTRON MICROSCOPE PHARMACOLOGICAL STUDIES OF HUMAN ERECTILE TISSUE TRANSITION STATE ANALYSIS OF ENZYMATIC REACTIONS	170,000 173,038 234,523
INSTITUTION TOTAL	3	577,561	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
CITY TOTAL	47	8,094,241		
NEW YORK NORWICH KAWAMOTO RESEARCH SERVICES	KAWAMOTO, JERROLYNN C	OPTIMIZING IN VITRO SURVIVAL OF POSTNATAL CNS NEURONS		50,000
1R43 NS26573-01A1				
INSTITUTION TOTAL	1	50,000		
CITY TOTAL		50,000		
POUGHKEEPSIE VASSAR COLLEGE	DYE, NANCY S	BIOMEDICAL RESEARCH SUPPORT GRANT		22,421
IS07 RR07250-01				
INSTITUTION TOTAL	1	22,421		
CITY TOTAL		22,421		
ROCHESTER UNIVERSITY OF ROCHESTER	AMATRUDA, JOHN M HELBURG, JUNE L IGLEWSKI, BARBARA H LEVENKRON, JEFFREY C MOXLEY, RICHARD T, III OURIEL, KENNETH ROMAGNANO, MARYANN A SILVER, RICHARD P	METABOLIC RATE AND PROTEIN TURNOVER IN OBESITY COMMUNITY HEALTH NURSING SERVICES UTILIZATION MOLECULAR MEDICINE CORE FACILITY GRANT EVALUATING CLINICAL SKILLS IN PREVENTIVE CARDIOLOGY ANABOLIC ACTIONS OF INSULIN IN NEUROMUSCULAR DISEASE VENOUS THROMBOSIS-BLOOD-INTIMAL INTERACTIONS SYMPATHETIC OPIOID INTERACTIONS-FUNCTIONAL NEUROANATOMY TRANSLOCATION OF THE E. COLI KL CAPSULAR POLYSACCHARIDE		192,277 74,853 156,000 290,250 214,763 121,312 113,838 183,687
1R01 DK40816-01				
1R29 NR02000-01				
IS10 RR04961-01				
1R01 HL41097-01A1				
1R01 AR38894-01A2				
1R29 HL40889-01A1				
1R01 NS27197-01				
1R01 AI26655-01A1				
INSTITUTION TOTAL	8	1,346,980		
CITY TOTAL		1,346,980		
SARANAC LAKE TRUDEAU INSTITUTE, INC.	COLLINS, FRANK M	PROTECTIVE EPITOPES OF BCG PROTECTIVE SENSITINS		159,931
1R01 AI27156-01				
INSTITUTION TOTAL	1	159,931		
CITY TOTAL		159,931		
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK	BRENER, JASPER	COGNITIVE PROCESSING OF VISCERAL AFFERENCE		109,986
1R01 HL42366-01				

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1R01 GM42095-01 1R01 AR37277-01A3 1R01 GM42033-01	DILGER, JAMES P GILBERT, SUSAN H OLIVER, DONALD B	GENERAL ANESTHETIC MECHANISMS IN EXCITABLE MEMBRANES KINETICS OF ENERGY LIBERATION IN ACTIVE SKELETAL MUSCLE MECHANISM OF PROTEIN LOCALIZATION IN ESCHERICHIA COLI	158,435 105,625 185,782
INSTITUTION TOTAL CITY TOTAL	4	559,828	559,828
SYRACUSE NEW METHODS RESEARCH, INC. 1R43 RR04538-01	BEGEMANN, JOHN H	IMAGE PROCESSING APPLIED TO 2D NMR SPECTROSCOPY	49,200
INSTITUTION TOTAL CITY TOTAL	1	49,200 49,200	
WESTHAMPTON BEACH MEDEA RESEARCH LABORATORIES, INC. 1R43 HD25796-01	VON STRANDTMANN, MAXIMILLIAN	ANTICYSTINOTIC AGENTS, RESEARCH AND DEVELOPMENT	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
WHITE PLAINS BURKE REHABILITATION CENTER 1S07 RR06018-01	MCDOWELL, FLETCHER H	BIOMEDICAL RESEARCH SUPPORT GRANT	29,757
INSTITUTION TOTAL CITY TOTAL	1 1	29,757 29,757	
STATE TOTAL	90	13,011,414	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM - UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1R01 GM42031-01 1S07 RR06013-01 1R01 GM42342-01 1R01 AI26774-01A1 1R01 HL42630-01	ERICKSON, BRUCE W FUNK, SANDRA G GRIFFITH, JACK HASKILL, STEPHEN MAEDA, NOBUYO	ENGINEERING OF NONGENETIC BETA PROTEINS BIOMEDICAL RESEARCH SUPPORT GRANT DNA-PROTEIN INTERACTIONS IN AIDS VIRUS DNA ADHERENCE REGULATED MONOCYTE GENES APOLIPOPROTEIN IN GENES AND ATHEROGENESIS IN ANIMALS	154,217 111,924 21M,373 161,787 160,383

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	POPKO, BRIAN J RAMEY, CRAIG T SARTOR, RYAN B	MOLECULAR BIOLOGY OF CENTRAL NERVOUS SYSTEM MYELINATION PREVENTIVE INTERVENTIONS BACTERIAL CELL WALL-INDUCED GRANULOMATOUS ENTEROCOLITIS	80,745 121,729 184,187
INSTITUTION TOTAL CITY TOTAL	8	1,092,345 1,092,345	
DURHAM DUKE UNIVERSITY	BONHAUS, DOUGLAS W COBB, FREDERICK R CULLEN, BRYAN R GREENE, WARNER C IDEKER, RAYMOND E ROE, CHARLES R SPICER, LEONARD D	BIOCHEMICAL ANALYSIS OF THE NMDA RECEPTOR ION CHANNEL HETEROGENEITY OF CORONARY ARTERY VASOMOTION MECHANISM OF ACTION OF THE HIV-1 REV GENE PRODUCT NEF GENE OF HIV-1 CARDIAC MAPPING OF VENTRICULAR DEFIBRILLATION CHARACTERIZATION & THERAPY OF NEW FAT OXIDATION DEFECTS NMR STUDIES OF PROTEINS AND PROTEIN-DNA BINDING	76,263 205,671 66,941 150,962 225,842 298,346 150,600
INSTITUTION TOTAL CITY TOTAL	7	1,174,625 1,174,625	
GREENSBORO UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	DEROSA, DONALD V	BIOMEDICAL RESEARCH SUPPORT GRANT	8,457
INSTITUTION TOTAL CITY TOTAL	1	8,457 8,457	
GREENVILLE UNIVERSITY OF NORTH CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY	ADAMS, HARRY G	SEXUAL TRANSMISSION OF HERPES SIMPLEX VIRUS	110,013
INSTITUTION TOTAL CITY TOTAL	1	110,013 110,013	
RALEIGH ALLOTECH INC	WASON, THOMAS D	MOLECULAR DISPLAY	50,000
INSTITUTION TOTAL	1	50,000	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA RALEIGH UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH 1R29 GM38738-01A2 KHALEDI, Morteza G		PHYSICOCHEMICAL & BIOANALYTICAL STUDIES USING MLC	96,765
INSTITUTION TOTAL CITY TOTAL	1 2	96,765 146,765	
RESEARCH TRIANGLE PARK TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION 1R43 AG07758-01 COLVIN, DAVID P		AIRBAG PROTECTIVE GARMENTS FOR FALLS INTERVENTION	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
WINSTON-SALEM WAKE FOREST UNIVERSITY 1R15 GM42076-01 1R15 GM41919-01 1R01 NS27094-01 1S10 RR04869-01 1R01 HL42812-01 1R29 AI26804-01A1	HINZE, WILLIE L JACKELS, SUSAN C KOHUT, ROBERT I LIVELY, MARK O, III MCGEE, MARIA P THOMAS, DEBORA D	NEW SURFACTANT-MEDIATED BIOSEPARATION TECHNIQUES AQUEOUS ¹ H NMR RELAXATION BY PARAMAGNETIC COMPLEXES SENSORI HEARING LOSS DUE TO PERILYMPHATIC FISTULAS PEPTIDE SYNTHESIS FACILITY CANCER-INDUCED COAGULATION--MONOCYTES/HYALURONIC ACID INTERACTIONS OF PATHOGENIC SPIROCHETES WITH HOST CELLS	120,150 105,112 260,105 172,000 106,941 82,024
INSTITUTION TOTAL CITY TOTAL	6 6	846,332 846,332	
STATE TOTAL	26	3,428,537	
NORTH DAKOTA FARGO NORTH DAKOTA STATE UNIVERSITY 1R15 GM41920-01 SCHNELL, R CRAIG		OLITIPRAZ INHIBITED HEPATOTOXICITY	103,154
INSTITUTION TOTAL CITY TOTAL	1 1	103,154 103,154	
STATE TOTAL	1	103,154	
OHIO AKRON UNIVERSITY OF AKRON 1S07 RR07249-01		WODARSKI, JOHN S	8,209
		BIOMEDICAL RESEARCH SUPPORT GRANT	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

DOLLARS
AWARDEDPRINCIPAL INVESTIGATOR
INSTITUTION TOTAL 1
CITY TOTAL 8,209OHIO
ATHENS
OHIO UNIVERSITY ATHENS
1R01 GM41620-01 BERGMAN, LAWRENCE W
1R01 EY08038-01 ROWE, MICHAEL H
INSTITUTION TOTAL 2
CITY TOTAL 247,568
247,568ATHENS
ATHENS
YEAST TRANSCRIPTION FACTORS
SPATIAL FREQUENCY ANALYSIS OF RETINA W-CELLSINSTITUTION TOTAL 1
CITY TOTAL 8,209CINCINNATI
CHILDREN'S HOSPITAL MEDICAL CENTER
1R29 AI28282-01 NEUDORF, STEVENINSTITUTION TOTAL 1
CITY TOTAL 73,387UNIVERSITY OF CINCINNATI AT CINCINNATI
1R01 HL41358-01A1 ASHRAF, MUHAMMAD
1R01 NS27227-01 BRACKENBURY, ROBERT W
1R15 GM42024-01 CAPERELLI, CAROL A
1R01 GM39398-01A1 KARP, RICHARD D
1R01 AR38576-01A2 KIRLEY, TERENCE L
1R01 HL40987-01A1 MORRIS, RANDAL E
1R01 HD25752-01 PARYSEK, LINDA M
1R29 GM39035-01A2 SLEIGHT, RICHARD GINSTITUTION TOTAL 8
CITY TOTAL 1,065,894
1,139,281CLEVELAND
CASE WESTERN RESERVE UNIVERSITY
1R01 AI27243-01 BOOM, WILLEM H
1R01 DK41331-01 DEARBORN, DORR G
1R01 DK39599-01A1 DISTELHORST, CLARK W
1R01 HD25681-01 LANDIS, STORY C
INSTITUTION TOTAL 4
CITY TOTAL 592,169HETEROGENEITY OF CD4+ T-CELLS-M TUBERCULOSIS INFECTION
HUMAN SWEAT DUCT--IN VITRO MODEL
GLUCOCORTICOID RECEPTOR-HEAT SHOCK PROTEIN INTERACTION
DEVELOPMENTAL REGULATION OF NEUROPEPTIDE EXPRESSIONCLEVELAND CLINIC FOUNDATION
1R01 CA49950-01 BARNA, BARBARA PSYNTHETIC CRP PEPTIDE--THERAPY FOR CANCER METASTASES
123,079

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO CLEVELAND CLEVELAND CLINIC FOUNDATION 1R13 CA49567-01	BUKOWSKI, RONALD M	SYMPOSIUM ON IMMUNOBIOLOGY OF RENAL CELL CARCINOMA	7,000
INSTITUTION TOTAL CITY TOTAL	2 6	130,079 722,248	
COLUMBUS OHIO STATE UNIVERSITY 1R29 NS27784-01 1R01 GM40681-01A1 1R13 NS26848-01 1R01 DK41066-01 1R01 GM41788-01	FROSTHOLM, ADDRIENNE M KENDRICK, KATHLEEN E MARTIN, GEORGE F ROJKO, JENNIFER L DVM TSAI, MING-DAW	EXPRESSION OF GRANULE CELL GABA RECEPTORS REGULATION OF HISTIDINE UTILIZATION IN STREPTOMYCES DEVELOPMENT PLASTICITY OF THE SPINAL CORD FELINE RETROVIRUS ASSOCIATED ENDOCRINE DYSFUNCTION MECHANISM OF PHOSPHOLIPASE A2	102,382 110,937 19,475 112,764 161,724
INSTITUTION TOTAL CITY TOTAL	5 5	507,282 507,282	
DAYTON WRIGHT STATE UNIVERSITY 1R01 CA49411-01	KANTOR, GEORGE J	DOMAIN-SPECIFIC DNA EXCISION REPAIR IN HUMAN CELLS	158,216
INSTITUTION TOTAL CITY TOTAL	1 1	158,216 158,216	
oberlin oberlin college 1R15 NS27284-01	CASSELLA, JAMES V	NEUROPHARMACOLOGY OF ACUSTIC STARTLE HABITUATION	98,586
INSTITUTION TOTAL CITY TOTAL	1 1	98,586 98,586	
TOLEDO UNIVERSITY OF TOLEDO 1S07 RR06008-01	HOSS, WAYNE P	BIOMEDICAL RESEARCH SUPPORT GRANT	6,337
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	1 1 26	6,337 6,337 2,887,727	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

OKLAHOMA CITY
OKLAHOMA MEDICAL RESEARCH FOUNDATION
1R29 CA50898-01 GIMBLE, JEFFREY M
1R01 AR39577-01 HARLEY, JOHN B
1R01 HD23472-01A2 WANG, CHI-SUN
INSTITUTION TOTAL 3 309,738

UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER
1R15 NR02196-01 SOHIER, RAPHELIA
1S07 RR06009-01 YANCHICK, VICTOR A
INSTITUTION TOTAL 2 51,207
CITY TOTAL 5 360,945
STATE TOTAL 5 360,945

UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER
1R15 NR02196-01 SOHIER, RAPHELIA
1S07 RR06009-01 YANCHICK, VICTOR A
INSTITUTION TOTAL 2 51,207
CITY TOTAL 5 360,945
STATE TOTAL 5 360,945

INSTITUTION TOTAL 1 49,271
CITY TOTAL 1 49,271

MICROENCAPSULATED TRANSDERMAL PENETRATION ENHANCERS 49,271

EUGENE
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON
1R29 NS27122-01 METCALFE, WALTER K
INSTITUTION TOTAL 1 84,590
CITY TOTAL 1 84,590

LATERAL LINE DEVELOPMENT 84,590

PORLAND
MEDICAL RESEARCH FOUNDATION OF OREGON
1R29 HL42358-01 MACHIDA, CURTIS A
1R01 DK41035-01 MELNER, MICHAEL H
1R29 HD24312-01A1 URBANSKI, HENRYK F
INSTITUTION TOTAL 3 335,893

B-ADRENERGIC RECEPTOR ACTIVATION AND EXPRESSION
REGULATION OF NEURO-IMMUNO-ENDOCRINE CELLS
NEUROENDOCRINE CONTROL OF SEASONAL REPRODUCTION 105,643
135,577
94,673

OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY
1R01 DK41933-01 BAGBY, GROVER C
MONONUCLEAR PHAGOCYTES, HIV, AND HEMATOPOIESIS 212,002

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOCKETS AWARDED
OREGON PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON	LARRY L. DAVID, NISHI, RAE	HEALTH SCIENCES UNIVERSITY PROTEIN CLEAVAGE SITES IN EXPERIMENTAL CATARACTOUS LENSE MECHANISMS OF TROPHIC MOLECULES IN NEURONAL DEVELOPMENT	77,234 146,707
1R29 EY07755-01A1 1R01 NS25767-01A2			
INSTITUTION TOTAL	3	435,943	
CITY TOTAL	6	771,836	
STATE TOTAL	8	905,697	
PENNSYLVANIA BETHLEHEM			
LEHIGH UNIVERSITY	NAU, GENE	LH RECEPTOR ANTIBODY AS A POTENTIAL IMMUNOCONTRACEPTIVE	113,400
1R15 HD25645-01			
INSTITUTION TOTAL	1	113,400	
CITY TOTAL	1	113,400	
BRYN MAWR			
BRYN MAWR COLLEGE	BURGMAYER, SHARON J N	MODELS FOR METALLOENZYMES HAVING PTERIN COFACTERS	114,547
1R15 GM42049-01			
INSTITUTION TOTAL	1	114,547	
CITY TOTAL	1	114,547	
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY	MILTON S. HERSHEY MEDICAL CENTER		
1R01 HL42651-01	BHAVANANDAN, VEER P	POLYMERIC STRUCTURE OF MUCOUS GLYCOPROTEINS	125,483
1R29 CA47228-01A1	DOLAN, MARY E	MODULATION OF ALKYLTRANSFERASES TO ENHANCE CHEMOTHERAPY	72,620
INSTITUTION TOTAL	2	198,103	
CITY TOTAL	2	198,103	
HORSHAM			
ENZYMATICS INC.	JOHNSTON, JAMES B	MINIATURE DIAGNOSTIC DEVICE FOR SERUM CHOLESTEROL	49,609
1R43 HL40777-01A1			
INSTITUTION TOTAL	1	49,609	
CITY TOTAL	1	49,609	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
MONROEVILLE RJ LEE GROUP 1R43 GM42335-01	LEE, RICHARD J	DIFFERENTIAL X-RAY ABSORPTION SPECTROSCOPY SYSTEM	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
PHILADELPHIA ALBERT EINSTEIN MEDICAL CENTER 1R01 HL40944-01A1	WILSON, BARBARA D	PATHOGENESIS OF AMIODARONE-INDUCED PULMONARY TOXICITY	123,803
INSTITUTION TOTAL	1	123,803	
AMERICAN ASSOCIATION FOR CANCER RESEARCH 1R13 CA49267-01 1R13 CA50482-01	PATEL, DINSHAW J SUMMERS, JESSE W	CONFERENCE ON MOLECULAR EVENTS IN MUTATION/CANCER ROLE OF DNA VIRUSES IN HUMAN TUMORS	9,000 6,000
INSTITUTION TOTAL	2	15,000	
CHILDREN'S HOSPITAL OF PHILADELPHIA 1R01 HD25277-01	YUDKOFF, MARC	STABLE ISOTOPE STUDIES OF GLUTAMIC ACID METABOLISM	148,758
INSTITUTION TOTAL	1	148,758	
FOX CHASE CANCER CENTER 1R03 EY08223-01 1R01 CA49516-01	SZWERGOLD, BENJAMIN TAYLOR, JUNE S	NOVEL LENS METABOLITES--IDENTIFICATION & BIOSYNTHESIS LOCALIZED NMR SPECTROSCOPY OF HUMAN BRAIN TUMORS	34,568 204,898
INSTITUTION TOTAL	2	239,466	
HAHNEMANN UNIVERSITY 1S10 RR04991-01	VAIDYA, AKHIL B	NUCLEIC ACIDS RESEARCH FACILITY	83,000
INSTITUTION TOTAL	1	83,000	
MEDICAL COLLEGE OF PENNSYLVANIA 1R01 DK41479-01	ROSS, ALTA C	VITAMIN A NUTRITIONAL STATUS AND IMMUNE FUNCTION	166,152
INSTITUTION TOTAL	1	166,152	
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE 1R15 GM42372-01 1R15 CA49893-01	KAUFFMAN, JOEL M TCHAO, RUY	PHOTOSTABLE STAINS FOR FLUORESCENCE MICROSCOPY TUMOR CELL MOTILITY AND INVASION	134,998 105,094
INSTITUTION TOTAL	2	240,092	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA ST. JOSEPH'S UNIVERSITY 1R15 GM42149-01	TUDOR, JOHN J	INSERTION OF PORINS INTO PREY MEMBRANES BY BDELOVIBRIOS	112,271
INSTITUTION TOTAL	1	112,271	
THOMAS JEFFERSON UNIVERSITY 1S10 RR04910-01 1R01 DK38895-01A2 1R01 NS27107-01 1R01 HD25629-01	ALBERTINE, KURT H CALLAHAN, HUGH J SCHWARTZMAN, ROBERT JAY SMITH, JACKSON B	HITACHI H-7000-3DT TRANSMISSION ELECTRON MICROSCOPE ANTIBACTERIAL PROPERTIES OF URINARY TRACT GLYCOPROTEINS MECHANISM OF TREATMENT COMPLICATIONS IN PARKINSONS FIRST TRIMESTER MATERNAL-FETAL IMMUNOLOGY	185,000 128,850 166,501 121,914
INSTITUTION TOTAL	4	602,265	
UNIVERSITY CITY SCIENCE CENTER 1R01 NS27346-01	CHANCE, BRITTON	TIME RESOLVED SPECTROSCOPY OF HEMOGLOBIN IN BRAIN	135,343
INSTITUTION TOTAL	1	135,343	
UNIVERSITY OF PENNSYLVANIA 1R01 AR37560-01A2 1R01 NS24260-01A1 1R01 AI25535-01A1 1R01 AI28208-01 1R01 GM41913-01 1R01 NR01840-01A1 1P01 NS27405-01 1R01 AR39705-01 1R01 NS26178-01A1 1R01 EY08124-01 1R01 NS27027-01	CLARK, CHARLES C DICHTER, MARC A GAULTON, GLEN N HOXIE, JAMES A JAFFE, EILEEN K LOWERY, BARBARA J NATHANSON, NEAL PACIFICI, MAURIZIO SPERLING, MICHAEL R STERLING, PETER WILSON, DAVID F	STRUCTURE & METABOLISM OF CARTILAGE COLLAGENS MODULATION OF SYNAPTIC EFFICACY & MECHANISMS OF EPILEPSY IMMUNOTHERAPY WITH ANTI-IL2 RECEPTOR MONOCLONAL ANTIBODY PATHOGENESIS OF HIV IN CD4 CELLS CHORISMATE MUTASE--MECHANISM OF A NOVEL ENZYMIC REACTION DENIAL AND STRESS FOLLOWING MYOCARDIAL INFARCTION MOLECULAR AND CELLULAR BIOLOGY OF HIV ENCEPHALOPATHY CONTROL OF TYPE X COLLAGEN GENE EXPRESSION SUBCORTICAL METABOLIC ALTERATIONS IN EPILEPSY MICROCIRCUITRY OF PARALLEL CHANNELS IN PRIMATE VISION BIOLOGY OF NEUROBLASTOMA	158,738 96,340 112,642 176,601 145,721 216,246 618,700 155,895 132,158 191,854 136,887
INSTITUTION TOTAL	11	2,141,782	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1R01 AI27422-01A1	KHAN, SHABBIR A	TAT AND ART PROTEINS OF HIV: STRUCTURE-FUNCTION STUDIES	193,779
INSTITUTION TOTAL CITY TOTAL	1 28	193,779 4,201,711	
PITTSBURGH ALLEGHENY HEALTH SERVICES, INC. -- ALLEGHENY-SINGER RESEARCH INSTITUTE 1R01 CA49437-01	OKUNEWICK, JAMES P	INFLUENCE OF T-CELL SUBTYPES ON GRAFT-VS-LEUKEMIA	114,853
INSTITUTION TOTAL	1	114,853	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PITTSBURGH CARNEGIE-MELLON UNIVERSITY 1R29 HL40354-01A1	KORETSKY, ALAN P	MECHANISM OF RESPIRATORY CONTROL IN HEART	102,862
INSTITUTION TOTAL	1	102,862	
CHILDREN'S HOSPITAL OF PITTSBURGH 1R29 NS266863-01	CHAN, KENNY H	OTITIS MEDICA--IN VIVO MODEL	77,394
INSTITUTION TOTAL	1	77,394	
EYE AND EAR HOSPITAL OF PITTSBURGH 1R01 EY08104-01 1P30 EY08098-01	HASSELL, JOHN R THOFT, RICHARD A	MOLECULAR STUDIES OF CORNEAL TRANSPARENCY CORE GRANT FOR VISION RESEARCH	257,888 287,115
INSTITUTION TOTAL	2	545,003	
MONTEFIORE HOSPITAL 1R29 DK39157-01A1	VAZQUEZ, JORGE A	PROTEIN SPARING DURING TREATMENT OF OBESITY	85,417
INSTITUTION TOTAL	1	85,417	
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1R01 HD23713-01A1 1R29 AR39366-01A1 1R01 CA48635-01 1R01 HL41330-01A1	EPSTEIN, LEONARD H KWOH, C SCHULZ, RICHARD WING, RENA R	EFFECTIVENESS OF ENHANCED FAMILY-BASED OBESITY TREATMENT EPIDEMIOLOGY OF RHEMATOID ARTHRITIS--GENETIC DETERMINANTS LIVING WITH HOMECARE--CANCER PATIENTS AND CAREGIVERS DIETARY INTERVENTION METHODS FOR CLINICAL TRIALS	220,824 86,205 127,013 241,432
INSTITUTION TOTAL	4	675,474	
CITY TOTAL	10	1,601,003	
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK	LERNER, RICHARD M NELSON, KEITH E TRENT, CAROL VILLA-FRANCA, JOSEPH J	EARLY ADOLESCENT SCHOOL ACHIEVEMENT--ORGANISMIC BASES EXPERIMENTAL STUDIES OF LANGUAGE LEARNING PROCESSES MOLECULAR ANALYSIS OF SEX DETERMINATION IN C ELEGANS COMPUTER GRAPHICS SYSTEM	148,375 202,609 104,095 118,000
INSTITUTION TOTAL	4	573,079	
CITY TOTAL	4	573,079	
WEST CHESTER PENNSYLVANIA STATE SYSTEM OF HIGHER EDUCATION--WEST 1R15 GM42189-01	BROITMAN, STEVEN L	CHESTER UNIVERSITY OF PENNSYLVANIA INVESTIGATIONS INTO NUCLEIC ACID THREE-STRANDED HELICES	112,380

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1	112,380 112,380	
STATE TOTAL	49	7,013,832	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES 1R13 AG08274-01 1R13 GM40997-01 1R13 GM42134-01 1R13 HL42411-01	GERSHON, DAVID HIRSCHBERG, CARLOS B MOSHER, DEANE F NASJLETTI, ALBERTO	GORDON RESEARCH CONFERENCE ON THE BIOLOGY OF AGING GLYCOPROTEINS AND GLYCOLIPIDS FIBRONECTIN AND RELATED MACROMOLECULES GORDON RESEARCH CONFERENCE ON KALLIKREINS & KININS	27,500 4,000 3,500 18,349
INSTITUTION TOTAL	4	53,349	
UNIVERSITY OF RHODE ISLAND			
1R29 GM39236-01A2 1R13 CA50194-01	CHEN, CHING-SHIH MATHER, IAN H	METABOLIC STEREOISOMERIC INVERSION OF CHIRAL DRUGS GORDON RESEARCH CONFERENCE ON MAMMARY GLAND BIOLOGY	90,596 13,000
INSTITUTION TOTAL CITY TOTAL	2 6	103,596 156,945	
PROVIDENCE			
BROWN UNIVERSITY 1R01 GM35929-01A2	GERBI, SUSAN A	GENE AMPLIFICATION--SCIARID DNA PUFFS	209,066
INSTITUTION TOTAL	1	209,066	
RHODE ISLAND HOSPITAL			
1R01 HD24455-01A1	GRUPPUSO, PHILIP A	REGULATION OF FETAL HEPATIC GROWTH	112,289
INSTITUTION TOTAL	1	112,289	
ROGER WILLIAMS GENERAL HOSPITAL			
1S03 RR03496-01	CALABRESI, PAUL	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL CITY TOTAL	1 3	3,000 324,355	
STATE TOTAL	9	481,300	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA CHARLESTON COLLEGE OF CHARLESTON 1R15 HD25793-01	MARCELL, MICHAEL M	AUDITORY PROCESSING OF LANGUAGE--DOWN SYNDROM ADOLSCENCE	120,887
INSTITUTION TOTAL	1		120,887
MEDICAL UNIVERSITY OF SOUTH CAROLINA 1R29 GM43334-01 1R01 NS24971-01A2	AWGULEWITSCH, ALEXANDER BECKSTEAD, ROBERT M	ANALYSIS OF A MURINE HOME BOX LOCUS FUNCTIONAL MECHANISMS OF THE CORPUS STRIATUM	105,141 113,179
INSTITUTION TOTAL	2		218,320
CITY TOTAL	3		339,207
COLUMBIA UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA 1R01 HL42496-01 1R01 HD24717-01A1	FOWLER, STANLEY D WELSH, MARCIA G	HYPERTENSION, DIABETES ACCELERATED ATHEROSCLEROSIS REPRODUCTION--PINEAL GRAFTS, LH, FSH, AND PROLACTIN	167,295 101,754
INSTITUTION TOTAL	2		269,049
CITY TOTAL	2		269,049
STATE TOTAL	5		608,256
SOUTH DAKOTA VERMILLION UNIVERSITY OF SOUTH DAKOTA 1S03 RR03512-01	TALLEY, ROBERT C	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1		3,000
CITY TOTAL	1		3,000
STATE TOTAL	1		3,000
TENNESSEE JOHNSON CITY STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY 1R15 HL42623-01 1R15 GM41952-01	JOHNSON, DAVID A MUSICH, PHILLIP R	HUMAN LUNG MAST CELL TRYPTASE GENOME INSTABILITY IN DEVELOPMENT AND AGING	97,819 97,934
INSTITUTION TOTAL	2		195,753
CITY TOTAL	2		195,753

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

TENNESSEE

UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES
1R01 NS27250-01 KRUEGER, JAMES M
1R01 NS26429-01A1 TOTH, LINDA A

INSTITUTION TOTAL 2 288,849
CITY TOTAL 2 288,849

NASHVILLE

VANDERBILT UNIVERSITY
1R29 HL40608-01A1 BENNETT, PAUL B
1R01 CA48930-01 BOUCEK, ROBERT J, JR
1R01 GM40219-01A1 HAGEDORN, CURT H
1R01 CA49186-01 HANDE, KENNETH R
1R01 HD25580-01 HOGAN, BRIGID L
1R01 DK41053-01 KOVACS, WILLIAM J
1R01 DK41043-01 ORTH, DAVID N
1P30 EY08126-01 POWERS, MAUREEN K
1R01 GM42056-01 ROBERTS, L JACKSON
1R01 HL41129-01A1 ROSELLI, ROBERT J
1R01 NS27037-01 SODERLING, THOMAS R

INSTITUTION TOTAL 11 1,540,529
CITY TOTAL 11 1,540,529

OAK RIDGE

MARTIN MARIETTA CORPORATION--OAK RIDGE NATIONAL LABORATORY
1R01 GM41617-01 TODD, PETER J

INSTITUTION TOTAL 1 151,201
CITY TOTAL 1 151,201
STATE TOTAL 16 2,176,332

TEXAS

AUSTIN
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN
1R01 GM41628-01 CONAWAY, RONALD C
1R01 GM41657-01 SESSLER, JONATHAN L
1R29 GM41828-01 SMITH, PHILIP C

INSTITUTION TOTAL 3 371,308
CITY TOTAL 3 371,308

ANTIAARRHYTHMIC DRUGS--SINGLE CHANNEL BLOCKING MECHANISMS
SARCOPLASMIC RETICULUM: MEMBRANE TARGET OF ANTHRACYCLINE
COVALENT MODIFICATIONS OF EIF-4F/TRANSLATIONAL CONTROL
PHARMACOGENETIC ASPECTS OF ANTOINEOPLASTIC DRUG METABOLISM
DEVELOPMENTAL REGULATION OF MATRIX-MODELING GENES
EFFECT OF ANDROGENS ON THE THYMUS
POMC PEPTIDE SYNTHESIS BY NORMAL AND AIDS LEUKOCYTES
CORE GRANT FOR VISION RESEARCH
STRUCTURAL IDENTIFICATION OF PROSTAGLANDIN CONJUGATES
OPTICAL MEASURE OF LUNG VASCULAR FILTRATION
CA2+/CALMODULIN-KINASE II--BRAIN SUBSTRATES

122,206
191,379
96,847
81,038
206,342
90,772
128,016
226,193
179,641
94,079
124,016

171,865
116,984
137,532
126,790
106,986

151,201

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
COLLEGE STATION TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION	CARRINGTON, JAMES C GUARINO, LINDA A WAY, JAMES L	ACTIVITY AND TRANSPORT OF TOBACCO ETCH VIRUS PROTEINASE ENHANCER-DEPENDENT AND DEPENDENT ACNPV GENE ACTIVATION ANTAGONISM OF ORGANOPHOSPHOROUS INTOXICATIONS	42,129 85,658 187,251
IR29 AI27832-01 IR29 AI27450-01 IR01 ES05139-01			
INSTITUTION TOTAL CITY TOTAL	3 3	315,038 315,038	
DALLAS			
Baylor College of Dentistry IR15 HL42615-01	PEARSALL, ALLAN D, III	EFFECTS OF HYPOXIA ON PULMONARY SMALL-GRANULE CELLS	96,960
INSTITUTION TOTAL	1	96,960	
SPECTRUM SCIENTIFIC IR43 NS27394-01	WIGGINS, HARVEY W	SPIKE DETECTOR FOR MULTICHANNEL NEURONAL ACQUISITION	45,600
INSTITUTION TOTAL	1	45,600	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS IR01 GM41426-01 IR01 GM41758-01 IR01 DK40994-01 IR13 DK41791-01 IR01 AG07992-01	BUTOW, RONALD A DOUGLAS, MICHAEL G MC CANN, SAMUEL M SIEGEL, NORMAN J WRIGHT, WOODRING E	SOUTHWESTERN MEDICAL CENTER AT DALLAS BIOLISTIC TRANSFORMATION OF YEAST MITOCHONDRIA YEAST NUCLEAR PORE COMPLEX MONOKINES IN CONTROL OF HYPOTHALAMIC-PUTITARY AXIS NEW FRONTIERS IN PEDIATRIC NEPHROLOGY MECHANISMS OF CELLULAR IMMORTALIZATION	266,069 125,399 137,022 10,000 192,149
INSTITUTION TOTAL CITY TOTAL	5 7	730,639 873,199	
DENTON TEXAS WOMAN'S UNIVERSITY IR15 GM42109-01	RUDICK, MICHAEL J	TARGETED PROTEIN SECRETION IN POLARIZED EPITHELIAL CELLS	97,261
INSTITUTION TOTAL CITY TOTAL	1 1	97,261 97,261	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH IR01 NS27314-01 IR01 AI27858-01	BLANKENSHIP, JAMES E JERRELLS, THOMAS R	NEURAL CONTROL OF SWIMMING T-CELL MEDIATED IMMUNITY TO RICKETTSIA TUSTUSGAMUSHI	71,405 108,816

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

TEXAS GALVESTON UNIVERSITY OF TEXAS INSTITUTION CITY TOTAL	SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH EFFECTS OF HIV ON THE IMMUNE AND NEUROENDOCRINE AXIS STEROID HORMONES, HIV- INFECTED CELLS AND HIV GENES ENERGY EXPENDITURE IN BURNED PATIENTS	137,605 151,122 169,656
1R01 DK41034-01 1R01 DK41058-01 1R01 GM41089-01	SMITH, ERIC M THOMPSON, E BRAD WOLFE, ROBERT R	5 5
INSTITUTION TOTAL CITY TOTAL	638,604 638,604	

HOUSTON BAYLOR COLLEGE OF MEDICINE INSTITUTION CITY TOTAL	MOLECULAR RECOGNITION OF ACETYLCHOLINE RECEPTOR GROWTH AND DIFFERENTIATION OF HUMAN MAST CELLS ENTEROBACTERIA IN HLA-B27 LINKED Spondyloarthropathies IN VITRO IMPLANTATION ON POLARIZED UTERINE EPITHELIUM AUDITORY PROCESSING IN HEARING- IMPAIRED CHILDREN HEPATOCARCINOGENESIS IN VITRO USING ACTIVATED FOS GENES METALLOTHIONEIN ACTIVATION--A MODEL OF CARCINOGEN ACTION OTOACOUSTIC EMISSION COCHLEOGRAPHY MUTATION AFFECTING KINETOCHORE MICROTUBULES TRANSGENIC MICE WITH DEVELOPMENTAL DISORDERS REGULATION AND FUNCTION OF KERATINS IN THE EPIDERMIS HORMONAL REGULATION OF ION CHANNELS IN MYOMETRIAL CELLS	162,930 84,028 83,650 155,322 92,002 84,205 147,790 175,731 151,240 95,590 273,181 179,528
1R01 NS26280-01A1 1R29 AI27881-01 1R01 AR39875-01 1R01 HD25189-01 1R29 NS25025-01A2 1R29 CA49845-01 1R01 CA50684-01 1R01 NS27247-01 1R01 GM41626-01 1R01 HD25340-01 1R01 HD25479-01 1R01 HD25616-01	ATASSI, M ZOUMAIR BRESSLER, ROBERT B DAVID, CHELLA S GLASSER, STANLEY R JERGER, SUSAN W LEBOVITZ, RUSSELL M LIEBERMAN, MICHAEL W MARTIN, GLEN K MAY, GREGORY S OVERBEEK, PAUL A ROOP, DENNIS R STEFANI, ENRICO	12 12 1,685,197
INSTITUTION TOTAL CITY TOTAL	SYNTHETIC ANALOGUES OF CASTANOSPERMINE MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	81,140 3,000
RICE UNIVERSITY INSTITUTION CITY TOTAL	BURGESS, KEVIN RUDOLPH, FREDERICK B	2 84,140
1S03 RR0128204-01 1S03 RR03494-01		
INSTITUTION TOTAL CITY TOTAL	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM TRANSFORMING GROWTH FACTOR-BETA IN DENTAL PULP MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM MOLECULAR ANALYSIS OF HUMAN SALIVARY CYSTATIN GENES EFFECTS OF LIFESTYLE CHANGES ON CORONARY HEART DISEASE MAGNETIC RESONANCE IMAGING OF ACUTE SPINAL CORD TRAUMA MINIMAL RESIDUAL DISEASE IN LYMPHOMAS WITH THE T-14-18 IMMUNOSUPPRESSIVE PROPERTIES OF 1,25-DIHYDROXYVITAMIN D3	3,000 22,050 3,050 127,825 108,517 244,688 86,555 96,696
INSTITUTION TOTAL CITY TOTAL		692,331
		8

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOOLLARS AWARDED
TEXAS			
HOUSTON	SYSTEM-UNIVERSITY OF TEXAS 1R01 CA49515-01 1R01 A128213-01 1R01 AR39849-01 1R01 CA49935-01 1R01 CA47845-01A1	DE CROMBRUGHE, BENOIT FARQUHAR, DAVID OLSON, ERIC N REINERS, JOHN J, JR SCHROIT, ALAN J	CELLULAR CONTROL MECH IN SYN OF EXTRACEL MATRIX COMP F C CELL-PERMEABLE ANTI-HIV NUCLEOTIDE ANALOGUES REGULATION OF MYOBLAST DIFFERENTIATION IMMUNOMODULATION AND CHEMICALLY INDUCED CARCINOGENESIS ROLE OF PS IN PATHOLOGY AND MACROPHAGE RECOGNITION
INSTITUTION TOTAL	5	942,946	176,210
CITY TOTAL	27	3,404,614	254,012
LUBBOCK	TEXAS TECH UNIVERSITY 1R15 GM42192-01	QUITEVIS, EDWARD L	PHOTODYNAMICS OF MEROCYANINE 540 IN MODEL BIOMEMBRANES
INSTITUTION TOTAL	1	102,313	102,313
CITY TOTAL	1	102,313	102,313
RICHARDSON	UNIVERSITY OF TEXAS 1R01 GM41738-01	SYSTEM-UNIVERSITY OF TEXAS AT DALLAS BREEN, GAIL A	BIOGENESIS OF THE MAMMALIAN MITOCHONDRIAL ATPASE COMPLEX
INSTITUTION TOTAL	1	176,483	176,483
CITY TOTAL	1	176,483	176,483
SAN ANTONIO	SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH 1R01 A128273-01 1S10 RR05016-01 1R01 HD24308-01A1	ALLAN, JONATHAN S DREESMAN, GORDON R MOTT, GLÉN E	PATHOBIOLOGY OF RETROVIRUSES JEOL MODEL JEM-1200EX/DP/DP TEMSCAN ANALYTICAL ELECTRON PROGRAMMING OF CHOLESTEROL METABOLISM BY INFANT DIET
INSTITUTION TOTAL	3	675,398	283,481
TRINITY UNIVERSITY	1R15 GM42160-01	DOYLE, MICHAEL P	JEOL MODEL JEM-1200EX/DP/DP TEMSCAN ANALYTICAL ELECTRON PROGRAMMING OF CHOLESTEROL METABOLISM BY INFANT DIET
INSTITUTION TOTAL	1	107,988	204,000
UNIVERSITY OF TEXAS	SYSTEM-UNIVERSITY OF TEXAS 1R01 DE08603-01A1 1R01 DE08915-01	BOYAN, BARBARA D LEBLANC, DONALD J	ROLE OF BONE FACTORS IN ENDOCHONDRAL OSSIFICATION ORAL STREPTOCOCCAL VIRULENCE - NEW MOLECULAR APPROACHES
INSTITUTION TOTAL	1	107,988	187,917
INSTITUTION TOTAL	1	107,988	107,988
INSTITUTION TOTAL	1	107,988	133,659
INSTITUTION TOTAL	1	107,988	157,395

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

TEXAS	SAN ANTONIO UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH 1R29 CA49675-01 1R01 AI27994-01	RAVDIN, PETER M TEALE, JUDY M	SCIENCE CENTER AT SAN ANTONIO AUTOCRINE GROWTH FACTORS--EFFECT OF IMMUNONEUTRALIZATION B CELL IMMUNE REPERTOIRE IN AUTOIMMUNE MICE	82,634 154,483
INSTITUTION TOTAL	4	528,171		
CITY TOTAL	8	1,311,557		

SAN MARCOS SOUTHWEST TEXAS STATE UNIVERSITY 1R15 HL42580-01	KOKE, JOSEPH R	HISTOCHEMISTRY OF MYOCARDIAL REPERFUSION INJURY	92,518
INSTITUTION TOTAL	1	92,518	
CITY TOTAL	1	92,518	

THE WOODLANDS LIFECELL CORPORATION 1R43 GM42312-01 1R43 GM42315-01	MAY, STERLING R MAY, STERLING R	FREEZING, DRYING AND REHYDRATION OF MAMMALIAN CELLS PRESERVATION OF DERMIS FOR IN SITU SKIN RECONSTITUTION	50,000 50,000
INSTITUTION TOTAL	2	100,000	
CITY TOTAL	2	100,000	
STATE TOTAL	59	7,482,895	

UTAH SALT LAKE CITY ALBION INSTRUMENTS 1R43 HL42710-01	VAN WAGENEN, RICHARD A	CLINICAL GAS ANALYZER	50,000
INSTITUTION TOTAL	1	50,000	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1R01 GM41747-01 1R01 NS27371-01 1R01 HL42388-01 1R01 GM41746-01	CARROLL, DANA HORCH, KENNETH W LUX, ROBERT L WARD, R H	HOMOLOGOUS RECOMBINATION IN E. COLI AND IN OCYCTES INFORMATION EXTRACTION FROM PERIPHERAL NERVES CARDIAC ELECTROPHYSIOLOGIC IMAGING FROM POTENTIAL FIELDS DNA POLYMORPHISMS IN NORTH AMERICAN INDIANS	122,680 65,956 191,248 176,737
INSTITUTION TOTAL	4	556,621	
CITY TOTAL	5	606,621	
STATE TOTAL	5	606,621	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VERMONT BURLINGTON CHROMOGEN INC 1R43 AI26434-01A1	BORAKER, DAVID K	ENHANCED ELISA PERFORMANCE USING ACOUSTIC MICROSTREAMING	49,951
INSTITUTION TOTAL 1			49,951
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1R01 NS27319-01 1R13 NS27330-01 1R01 HL40685-01A1	FIEKERS, JEROME F MANN, KENNETH G SECKER-WALKER, ROGER H	AUTONOMIC NEURONS--MODULATION BY PEPTIDES AND MAST CELLS BEIJING INTERNATIONAL CONFERENCE ON STROKE & THROMBOSIS COMMUNITY COALITIONS TO HELP WOMEN QUIT SMOKING	153,352 32,000 953,735
INSTITUTION TOTAL 3			1,139,087
CITY TOTAL 4			1,189,038
MORRISVILLE LAMBERT REHABILITATION COMPANY 1R43 HD25366-01	LAMBERT, THEODORE E	EXERCISE MACHINE FOR PEOPLE THAT USE WHEELCHAIRS	44,100
INSTITUTION TOTAL CITY TOTAL 5			44,100 44,100 1,233,138
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1R01 DE08941-01 1R13 HL42995-01	CASTLE, JOHN D SURATT, PAUL M	SORTING OF PAROTID SALIVARY PROTEINS INTERNATIONAL SYMPOSIUM ON SLEEP AND RESPIRATION	160,147 19,140
INSTITUTION TOTAL CITY TOTAL 2			179,287 179,287
HAMPTON HAMPTON UNIVERSITY 1S03 RR03508-01	BOWMAN, ARTHUR W	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL CITY TOTAL 1			3,000 3,000
NORFOLK EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS 1R01 AI24987-01A1	ADCOCK, GAYLE D	MONOCYTE AND ENDOTHELIAL INTERACTIONS IN VEIN GRAFTS	113,148

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDEDINSTITUTION TOTAL 1 113,148
CITY TOTAL 1 113,148

VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1R01	NS27214-01	ELLIS, EARL F	BIOCHEMICAL MECHANISMS OF BRAIN INJURY
1S03	RR03517-01	HARRIS, LOUIS S	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM
1R29	HL38878-01A2	MOSKOWITZ, WILLIAM B	CHILDHOOD PASSIVE SMOKING COHORT STUDY OF CARDIAC RISK
1R01	DK41843-01	RIZZO, WILLIAM B	FATTY ALCOHOL METABOLISM IN SJOGREN-LARSSON SYNDROME
1R01	NS26026-01A1	ROBINSON, SUSAN E	CHOLINERGIC PHARMACOLOGY OF BASAL FOREBRAIN NEURONS
1P01	DE08972-01	SCHENKEIN, HARVEY A	PERIODONTAL DISEASE RESEARCH PROGRAM PROJECT GRANT
INSTITUTION TOTAL	6	1,452,494	
CITY TOTAL	6	1,452,494	
STATE TOTAL	10	1,747,929	
WASHINGTON			
BELLEVUE			
NORTHWEST RESEARCH ASSOCIATES, INC.			
1R43	GM42306-01	FRASER, ROBERT B	COMPUTER-AIDED DIAGNOSIS OF THE CRITICALLY ILL
INSTITUTION TOTAL	1	50,000	50,000
CITY TOTAL	1	50,000	
PULLMAN			
WASHINGTON STATE UNIVERSITY			
1R01	CA50141-01	DAVIS, WILLIAM C	ANIMAL MODELS FOR RESEARCH ON AIDS-RELATED DENTIVIRUSES
1R01	DK40498-01A1	RITTER, WILMA S	NEURAL SUBSTRATES OF METABOLIC CONTROLS OF INGESTION
INSTITUTION TOTAL	2	237,868	135,076
CITY TOTAL	2	237,868	102,792
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R03	CA50491-01	BECKMANN, ANNA M	DETECTION OF HPV WITH THE POLYMERASE CHAIN REACTION
1P01	CA47748-01A1	BUCKNER, C DEAN	AUTOLOGOUS MARROW TRANSPLANTATION
1R01	HD25524-01	MOSS, STUART B	MAMMALIAN SPERMATOGENESIS--HISTONES/DNA REORGANIZATION
INSTITUTION TOTAL	3	1,258,625	1,093,969
			94,361

NIH
RESEARCH GRANTSDOLLARS
AWARDED

246,791

GRANT NUMBER PRINCIPAL INVESTIGATOR

WASHINGTON
SEATTLE BIOMEDICAL RESEARCH INSTITUTE
1R01 GM42188-01

INSTITUTION TOTAL 1

246,791

UNIVERSITY OF WASHINGTON

1R01 DK41937-01 ADAMSON, JOHN W
1R01 CA47749-01A1 BERESFORD, SHIRLEY A A
1S10 RR04863-01 CATTERALL, WILLIAM A
1R01 CA45643-01A1 DROBNY, GARY P
1R01 GM41716-01 FELSENSTEIN, JOSEPH
1R01 GM41363-01 FLOSS, HEINZ G
1R03 FY08179-01 FRITSCHÉ, THOMAS R
1R01 DE08227-01A1 GREMBOWSKI, DAVID E
1S10 RR04764-01 HOLBROOK, KAREN A
1R01 NR01920-01 KILLIEN, MARCIA G
1R01 EY08053-01 KOONTZ, MARGARET A
1R01 DK40940-01 KRONMAL, RICHARD A
1R13 AG08328-01 MARTIN, GEORGE M
1R01 HL41657-01 MC CANN, BARBARA S
1R01 DK40045-01A1 STAMM, WALTER E
1R01 NS27206-01 TEMPIL, BRUCE L

INSTITUTION TOTAL 16

2,411,841

VIRGINIA MASON RESEARCH CENTER
1R29 AR39918-01 MILNER, ERIC CINSTITUTION TOTAL 1
CITY TOTAL 21102,745
4,020,002

STATE TOTAL 24

4,307,870

WEST VIRGINIA
MORGANTOWNWEST VIRGINIA UNIVERSITY
1R15 DE09029-01 BOUQUOT, JERRY E
1R15 DE09028-01 CROUT, RICHARD J
1R01 AI27917-01 SHEIL, JAMES MINSTITUTION TOTAL 3
CITY TOTAL 3349,615
349,615

STATE TOTAL 3

349,615

TITLE OF RESEARCH PROPOSAL

RNA EDITING

PATHOBIOLOGY OF BONE MARROW SUPPRESSION IN AIDS OR ARC
ENDOMETRIAL CANCER RISK AND POST-MENOPAUSAL HORMONE USE
MOLECULAR PHARMACOLOGY FACILITY
NMR STUDIES OF THE ANTI CANCER DRUG NEOCARZINOSTATIN
METHODS FOR INFERRING MOLECULAR GEN ALOGIES
BIOSYNTHESIS OF ERGOT ALKALOIDS
DRUG TESTING OF ACANTHOMEABA RESPONSIBLE FOR KERATITIS
FLUORIDATION EFFECTS ON DENTAL DEMAND
JEOL MODEL JEM-1200EX TRANSMISSION ELECTRON MICROSCOPE
RETURNING TO WORK - IMPACT ON POSTPARTUM MOTHERS HEALTH
MORPHOLOGY OF GABAERGIC NEURONS IN PRIMATE INNER RETINA
CASE-CONTROL STUDY OF VASECTOMY UROLITHIASIS
FAMILIAL ALZHEIMER'S DISEASE
PSYCHOLOGICAL STRESS, CATECHOLAMINES & LIPID METABOLISM
FACTORS PREDISPOSING TO URINARY TRACT INFECTION
EXPRESSION AND STRUCTURE OF A BRAIN K⁺ CHANNELINSTITUTION TOTAL 1
102,745
ANTIBODY VH GENE SELECTION IN RHEUMATOID ARTHRITISPREVALENCE OF HUMAN PAPILLOMAVIRUS IN ORAL LEUKOPLAKIAS
RESORBABLE CLINDAMYCIN/GELATIN DELIVERY SYSTEM
PEPTIDE RECOGNITION BY CYTOTOXIC T LYMPHOCYTES

107,937

106,225

135,453

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	1	140,179	
WISCONSIN MILWAUKEE BLOOD CENTER OF SOUTHEASTERN WISCONSIN 1R01 AI28034-01	BAXTER-LOWE, LEE A	DEFINITION AND RELEVANCE OF HLA-DQ MICROPOLYMORPHISM	144,329
INSTITUTION TOTAL	1	144,329	
MARQUETTE UNIVERSITY 1R15 NS23101-01A2	BROOKS, JACK C	THIOPHOPROTEINS IN CHROMAFFIN CELLS	98,030
INSTITUTION TOTAL	1	98,030	
MEDICAL COLLEGE OF WISCONSIN 1R01 AI23705-01A4	SONNIE, PETER G	EARLY HOST RESPONSES TO CUTANEOUS CANDIDIASIS	97,081
INSTITUTION TOTAL	1	97,081	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE 1R15 HL42612-01	BERGSTROM, GERALD	REGULATION OF PLASMA FIBRONECTIN GENE EXPRESSION	107,941
1R15 GM41927-01	FEINBERG, BENJAMIN A	STRUCTURE-FUNCTION RELATIONSHIPS OF 8FE-8S FERREDOXINS	102,004
1S07 RR06015-01	PAIRENT, FREDERICK W	BIOMEDICAL RESEARCH SUPPORT GRANT	7,148
1R15 GM42002-01	SEEKLE, RALPH W	EFFECTS OF RECBCL GENES ON PLASMID REPLICATION	106,061
1R15 AR39902-01	SHAW, C FRANK, III	AURANOFIN PHARMACOLOGY--BLOOD METABOLISM & OXIDATION	98,482
INSTITUTION TOTAL	5	421,636	
CITY TOTAL	8	761,076	

STEVENS POINT UNIVERSITY OF WISCONSIN - UNIVERSITY OF WISCONSIN - STEVENS POINT
1R15 GMA2081-01 SESEPNW01 SOIL MEMBRANE DYNAMICS IN THE AMOEBOID SPERM OF ASCARIS

INSTITUTION TOTAL	1	99,020
CITY TOTAL	1	99,020
STATE TOTAL	26	2,327,172
PUERTO RICO		87,176
CAYEY		
CENTRAL UNIVERSITY OF THE CARIBBE		
IR29 NS27259-01	SILVA, WALTER I	
INSTITUTION TOTAL	1	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
CITY TOTAL	1	87,176
STATE TOTAL	1	87,176

CANADA	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
MONTRÉAL		
MC GILL UNIVERSITY 1R01 NS26415-01A1	CUELLO, A CLAUDIO	DIRECT APPROACH TO SYNAPTIC ORGANIZATION OF NOCICEPTION
INSTITUTION TOTAL	1	115,913
CITY TOTAL	1	115,913

TORONTO	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
ONTARIO CANCER INSTITUTE 1R01 AI26152-01A1	GARIEPY, JEAN	CHARACTERIZATION OF THE E COLI ENTEROTOXIN ST 1 RECEPTOR
INSTITUTION TOTAL	1	82,251
CITY TOTAL	1	82,251
STATE TOTAL	2	198,164

FRANCE	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
PARIS		
CENTER OF STUDY OF HUMAN POLYMORPHISM 1R24 RR05056-01	DAUSSET, JEAN	KIT OF PROBES FOR MARKERS ON THE HUMAN LINKAGE MAP
INSTITUTION TOTAL	1	279,336
CITY TOTAL	1	279,336
STATE TOTAL	1	279,336

SWITZERLAND	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
GENEVA		
INTERNATIONAL UNION AGAINST CANCER 1R01 CA48717-01	CLETON, FRANS	NGO PARTICIPATION IN NATIONAL CANCER PLANS
INSTITUTION TOTAL	1	79,146
CITY TOTAL	1	79,146
STATE TOTAL	1	79,146

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA BIRMINGHAM SOUTHERN RESEARCH INSTITUTE IN01 CM97553-00	HARRISON, S D	QUALITY CONTROL/MODEL DEVELOPMENT -- RODENTS/TUMOR CELLS	966,258
INSTITUTION TOTAL	1	966,258	
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1N01 HC95095-00 1N01 CM97611-00	CUTTER, GARY LOBUGLIO, ALBERT F	CORONARY ARTERY DISEASE RISK DEVELOPMENT IN YOUNG ADULTS MONOCLONAL ANTIBODIES AND OTHER TARGETING AGENTS	630,572 668,330
INSTITUTION TOTAL	2	1,298,902	
CITY TOTAL	3	2,265,160	
STATE TOTAL	3	2,265,160	
CALIFORNIA			
BELMONT NORTHERN CALIFORNIA CANCER CENTER IN01 CP95658-00	WEST, DEE	BREAST CANCER IN ORIENTAL AMERICANS	96,895
INSTITUTION TOTAL	1	96,895	
CITY TOTAL	1	96,895	
BERKELEY ALTA BATES HOSPITAL			
IN01 HB97051-00	CLASTER, SUSAN	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	20,808
INSTITUTION TOTAL	1	20,808	
THORATEC LABORATORIES CORPORATION IN43 DK92243-00	LITWAK, PHILIP	DEVELOPMENT OF A COMPLIANT HEMODIALYSIS ACCESS GRAFT	49,984
INSTITUTION TOTAL	1	49,984	
CITY TOTAL	2	70,792	
LOS ANGELES UNIVERSITY OF SOUTHERN CALIFORNIA			
IN01 HB97074-00	MOSLEY, JAMES W MD	TRANSFUSION SAFETY STUDY	2,828,377
INSTITUTION TOTAL	1	2,828,377	
CITY TOTAL	1	2,828,377	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA MENLO PARK SRI INTERNATIONAL IN01 NS92323-00	PRYOR, GORDON T	EXPERIMENTAL BENZODIAZEPINES/TOLERANCE TO ANTICONVULSANT	117,082
INSTITUTION TOTAL	1	117,082	
VITAPHORE CORPORATION IN43 DK92249-00	YAMAMOTO, RON	ANTIMICROBIAL PERCUTANEOUS CUFF/VASCULAR CATHETERIZATION	49,985
INSTITUTION TOTAL	1	49,985	
CITY TOTAL	2	167,067	
MOUNTAIN VIEW CALIFORNIA BIOTECHNOLOGY INC IN43 DK92245-00	PORTER, GORDON	ANTIBODIES TO ATRIAL PEPTIDE RECEPTOR	49,992
INSTITUTION TOTAL	1	49,992	
CITY TOTAL	1	49,992	
OAKLAND NOVACOR MEDICAL CORPORATION IN01 HV98107-00	PORTNER, PEER	CLINICAL VENTRICULAR ASSIST SYSTEM	1,243,130
INSTITUTION TOTAL	1	1,243,130	
CITY TOTAL	1	1,243,130	
STATE TOTAL	8	4,456,253	
CONNECTICUT NORWALK ALCIDE CORPORATION IN43 DK92248-00	KROSS, ROBERT D	HEMODIALYZER STERILANT/CLEANING AGENT	48,170
INSTITUTION TOTAL	1	48,170	
CITY TOTAL	1	48,170	
STATE TOTAL	1	48,170	
DIST OF COL WASHINGTON NATIONAL ACADEMY OF SCIENCES IN01 OD92104-00	YORDI, KARL D	NEEDS OF THE CANCER CENTERS PROGRAM	230,000

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	230,000	
DIST OF COL WASHINGTON TECHNICAL ASSESSMENT, INC. IN01 CN95177-00	PETERSEN, BARBARA J	DIETARY SURVEYS AND FOOD COMPOSITION DATA	459,220
INSTITUTION TOTAL	1	459,220	
CITY TOTAL	2	689,220	
STATE TOTAL	2	689,220	
FLORIDA MELBOURNE APPLIED GENETICS LABORATORIES, INC. IN44 ES92003-00	LIECHTY, MELISSA	GENETIC ANALYSIS OF TK AND HPRT GENE MUTATIONS	128,037
INSTITUTION TOTAL	1	128,037	
CITY TOTAL	1	128,037	
STATE TOTAL	1	128,037	
ILLINOIS WOOD DALE NAPROTECH, INC. IN01 CM97562-00	CHE, SR, CHUN-TAO	LITERATURE SURVEILLANCE & SELECTION OF NATURAL PRODUCTS	140,555
INSTITUTION TOTAL	1	140,555	
CITY TOTAL	1	140,555	
STATE TOTAL	1	140,555	
MARYLAND BALTIMORE FEIN-MARQUART ASSOCIATES IN01 CM97608-00	MILLER, JAMES	AIDS DTP COMPUTER DIS INSTALLATION	134,954
INSTITUTION TOTAL	1	134,954	
CITY TOTAL	1	134,954	

NIH RESEARCH CONTRACTS		
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK
MARYLAND BETHESDA CAPITAL TECHNOLOGY AND INFORMATION SERVICES 1N01 CM97600-00		DTP AIDS SCREENING DATABASE SUPPORT 213,839
INSTITUTION TOTAL CITY TOTAL	1	213,839 213,839
COLUMBIA MARTEK CORPORATION 1N01 CM97615-00	COX, JOHN C	CULTIVATION OF MARINE PROTOZOA 217,947
INSTITUTION TOTAL CITY TOTAL	1	217,947 217,947
GAITHERSBURG FAST SYSTEMS, INC. 1N01 AI95010-00	WAXDAL, M J	FLOW CYTOMETRY QUALITY CONTROL 708,068
INSTITUTION TOTAL CITY TOTAL	1	708,068 708,068
LAUREL GENERAL SCIENCES CORPORATION 1N01 H099005-00	SEACH, JAMES	INFORMATION SYSTEMS BRANCH AUTOMATED DATA PROCESSING 112,834
INSTITUTION TOTAL CITY TOTAL	1	112,834 112,834
ROCKVILLE AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH--BIOMEDICAL RESEARCH, INC 1N01 AI95016-00	LEEF, JAMES	REPOSITORY FOR HUMAN IMMUNODEFICIENCY--HIV SPECIMENS 536,223
INSTITUTION TOTAL	1	536,223
AMERICAN TYPE CULTURE COLLECTION 1N01 RR92105-00	TINGLE, MARJORIE	REFERENCE STRAINS OF MICROORGANISMS AND CELL CULTURES 435,000
INSTITUTION TOTAL	1	435,000
BIOCON INC 1N01 CP95644-00	SCHUMAN, R F	LABORATORY RODENT FACILITY 49,264
INSTITUTION TOTAL	1	49,264

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
ROCKVILLE BIOTECH RESEARCH LABORATORIES INC. IN01 A195012-00	PANCY S.	REPOSITORY AND DISTRIBUTION CENTER FOR REAGENTS	127,128
INSTITUTION TOTAL	1	127,128	
MICROBIOLOGICAL ASSOCIATES INC. IN01 E995242-00 IN01 E995257-00	MULLIGAN, LOUIS MULLIGAN, LOUIS	PRECHRONIC STUDIES OF DIPHENYLGUANIDINE PRECHRONIC DOSED WATER STUDY OF SODIUM NITRITE	293,657 346,024
INSTITUTION TOTAL	2	639,681	
ORI INC IN01 DE92574-00	SWITALSKI, RICHARD N	MICROBIOLOGICAL INFORMATION SYSTEM--MICRO-IS	129,679
INSTITUTION TOTAL	1	129,679	
PAN-DATA SYSTEMS IN01 CP95626-00	DAHLBERG, JOHN E	RECOMBINANT VIRA PROTEINS PRODUCED IN E COLI	315,645
INSTITUTION TOTAL	1	315,645	
PROSPECT ASSOCIATES, LTD. IN01 CG94382-00	DARBY, CHARLES A	CANCER COMMUNICATIONS PROGRAM EVALUATION	508,206
INSTITUTION TOTAL CITY TOTAL	1 9	508,206 2,740,826	
STATE TOTAL	14	4,128,468	
MASSACHUSETTS			
BOSTON BOSTON UNIVERSITY IN01 EY92109-00	WOLF, PHILIP A	FRAMINGHAM OFFSPRING EYE STUDY	358,069
INSTITUTION TOTAL CITY TOTAL	1 1	358,069 358,069	
CAMBRIDGE REPLIGEN CORPORATION IN01 CP95645-00	RUSCHE, JAMES	PRODUCTION OF PURIFIED RECOMBINANT VIRAL PROTEINS	458,765
INSTITUTION TOTAL CITY TOTAL	1 1	458,765 458,765	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS NORTH READING KAY KUBE COMPANY IN43 DK92247-00	KUBIERSCHKY, KLAUS	INSTRUMENT TO GENERATE AND ANALYZE DNA SEQUENCE DATA	48,662
INSTITUTION TOTAL CITY TOTAL	1 1	48,662 48,662	
WORCESTER E G & G INC. --MASON RESEARCH INSTITUTE IN01 ES95256-00	LILJA, HERMAN	STUDIES OF 1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE	1,097,476
INSTITUTION TOTAL	1	1,097,476	
CITY TOTAL	1	1,097,476	
STATE TOTAL	4	1,962,972	
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY IN01 CM97564-00	PURDY, JAMES A	RADIOTHERAPY TREATMENT PLANNING TOOLS	121,452
INSTITUTION TOTAL	1	121,452	
CITY TOTAL	1	121,452	
STATE TOTAL	1	121,452	
NEW MEXICO ALBUQUERQUE LOVELACE MEDICAL FOUNDATION IN01 ES95238-00	SHOOP, GEORGE M	IMMUNOTOXICOLOGICAL EVALUATION OF AIDS THERAPEUTICS	177,393
INSTITUTION TOTAL	1	177,393	
CITY TOTAL	1	177,393	
STATE TOTAL	1	177,393	
NEW YORK NEW YORK COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK IN01 HB97058-00	KHAKOO, YUSUF	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	70,946
INSTITUTION TOTAL	1	70,946	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK NEW YORK MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES 1N01 CM97609-00 HOUGHTON, ALAN			585,428
INSTITUTION TOTAL CITY TOTAL	1 2	585,428 656,374	
STATE TOTAL	2	656,374	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1N01 CM97565-00 CHANAY, EDWARD			100,189
INSTITUTION TOTAL CITY TOTAL	1 1	100,189 100,189	
RESEARCH TRIANGLE PARK RESEARCH TRIANGLE INSTITUTE 1N01 CM97561-00 KEPLER, JOHN A		PREPARATION OF RADIOLABELED MATERIALS	351,708
INSTITUTION TOTAL CITY TOTAL	1 1	351,708 351,708	
STATE TOTAL	2	451,897	
PENNSYLVANIA PHILADELPHIA NATIONAL DISEASE RESEARCH INTERCHANGE 1N01 RR92106-00 DUCAT, LEE			500,000
INSTITUTION TOTAL CITY TOTAL	1 1	500,000 500,000	
STATE TOTAL	1	500,000	
VERMONT SOUTH BURLINGTON SECOND FOUNDATION, INC. 1N01 C094386-00 WALTON, PETER L		COMPUTER SUPPORT FOR CANCER INFORMATION DISSEMINATION	2,369,459
INSTITUTION TOTAL	1	2,369,459	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	2,369,459	
STATE TOTAL	1	2,369,459	
VIRGINIA			
ALEXANDRIA AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE 1N01 LM93510-00	MC GLYNN, VERN	TECHNICAL SUPPORT FOR AUDIO & VIDEO EQUIPMENT SYSTEMS	542,000
INSTITUTION TOTAL	1	542,000	
CITY TOTAL	1	542,000	
STATE TOTAL	1	542,000	
WASHINGTON			
RICHLAND BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION 1N01 ES95239-00 1N01 ES95240-00	CHOU, BILLY J CHOU, BILLY J	PRECHRONIC AND CHRONIC INHALATION STUDY OF OZONE CHRONIC INHALATION STUDY OF MOLYBDENUM TRIOXIDE	264,648 276,108
INSTITUTION TOTAL	2	540,756	
CITY TOTAL	2	540,756	
SEATTLE			
UNIVERSITY OF WASHINGTON 1N01 CM97566-00	CHANAY, EDWARD	RADIOTHERAPY TREATMENT PLANNING TOOLS	117,472
INSTITUTION TOTAL	1	117,472	
CITY TOTAL	1	117,472	
STATE TOTAL	3	658,228	
CHINA			
BEIJING CHINESE ACADEMY OF MEDICAL SCIENCES 1N01 CP95660-00	YOU, WEI-CHENG	PRECANCEROUS GASTRIC LESIONS/HIGH RISK/CHINA	355,479
INSTITUTION TOTAL	1	355,479	
CITY TOTAL	1	355,479	
STATE TOTAL	1	355,479	
TOTAL	47	19,651,117	

NIH RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA STANFORD STANFORD UNIVERSITY 1T32 GM08294-01	BOXER, STEVEN G	MOLECULAR BIOPHYSICS TRAINING PROGRAM	118,440
INSTITUTION TOTAL	1	118,440	
CITY TOTAL	1	118,440	
STATE TOTAL	1	118,440	
INDIANA WEST LAFAYETTE PURDUE UNIVERSITY WEST LAFAYETTE 1T32 GM08296-01	JOHNSON, JOHN E	BIOPHYSICAL STUDIES OF PROTEINS, NUCLEIC ACIDS & VIRUSES	73,496
INSTITUTION TOTAL	1	73,496	
CITY TOTAL	1	73,496	
STATE TOTAL	1	73,496	
MASSACHUSETTS BOSTON BOSTON UNIVERSITY 1T32 GM08291-01	MAKOWSKI, LEE	PREDOCTORAL TRAINING IN MOLECULAR BIOPHYSICS	50,548
INSTITUTION TOTAL	1	50,548	
CITY TOTAL	1	50,548	
STATE TOTAL	1	50,548	
NEW JERSEY PRINCETON PRINCETON UNIVERSITY 1T32 GM08309-01	DISMUKES, GERARD C	PRE-DOCTORAL TRAINING GRANT IN MOLECULAR BIOPHYSICS	50,848
INSTITUTION TOTAL	1	50,848	
CITY TOTAL	1	50,848	
STATE TOTAL	1	50,848	
TEXAS DALLAS UNIVERSITY OF TEXAS SYSTEM-UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS 1T32 GM08297-01	GIERASCH, LILA M	BIOPHYSICS PREDOCTORAL TRAINING PROGRAM	43,698

NIH
RESEARCH TRAINING GRANTSDOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM
INSTITUTION TOTAL	1	43,698
CITY TOTAL	1	43,698
STATE TOTAL	1	43,698

WISCONSIN
MADISON
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON
1T32 GM08293-01 SUNDARALINGAM, MUTHAIYA
PREDOCTORAL TRAINING IN MOLECULAR BIOPHYSICS

INSTITUTION TOTAL	1	87,000
CITY TOTAL	1	87,000
STATE TOTAL	1	87,000
TOTAL	6	424,030

GRANT NUMBER	RESPONSIBLE OFFICIAL	NIH CONSTRUCTION GRANTS	
		PURPOSE OF GRANT	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON HARVARD UNIVERSITY 1G20 RR05193-01	TOSTESSON, DANIEL C	AIDS RESEARCH FACILITY EXPANSION	547,225
INSTITUTION TOTAL	1		547,225
MASSACHUSETTS GENERAL HOSPITAL			
1G20 RR05140-01	LAMONT-HAVERS, RONALD	RENOVATIONS FOR AIDS CLINICAL RESEARCH LABORATORY	668,488
INSTITUTION TOTAL	1		668,488
CITY TOTAL	2		1,215,713
STATE TOTAL	2		1,215,713
PENNSYLVANIA			
PHILADELPHIA WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1G20 RR05208-01	KOPROWSKI, HILARY	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	478,771
INSTITUTION TOTAL	1		478,771
CITY TOTAL	1		478,771
STATE TOTAL	1		478,771
TOTAL	3		1,694,484

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	
DIST OF COL WASHINGTON DAUGHTERS OF CHARITY 1G07 LM05029-01	NATIONAL HEALTH SYSTEM--PROVIDENCE HOSPITAL LEONE, ROSEMARIE	MEDICAL LIBRARY RESOURCE IMPROVEMENT 4,000
INSTITUTION TOTAL CITY TOTAL	1 1	4,000 4,000
STATE TOTAL	1	4,000
PENNSYLVANIA		
NEW KENSINGTON CITIZENS GENERAL HOSPITAL 1G07 LM05036-01	TEOLIS, MARYLIN	MEDICAL LIBRARY RESOURCE IMPROVEMENT 4,000
INSTITUTION TOTAL CITY TOTAL	1 1	4,000 4,000
STATE TOTAL	1	4,000
WASHINGTON		
EDMONDS STEVENS MEMORIAL HOSPITAL 1G07 LM04997-01	BURT, PEGGY	MEDICAL LIBRARY RESOURCE IMPROVEMENT 3,995
INSTITUTION TOTAL CITY TOTAL	1 1	3,995 3,995
STATE TOTAL	1	3,995
TOTAL	3	11,995

**NIH
COOPERATIVE AGREEMENTS**

**DOllARS
AWARDED**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOllARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1U01 AI28147-01 COMPANS, RICHARD W		SYSTEMATIC IMMUNITY TO SIV AND HIV VACCINES	885,109
INSTITUTION TOTAL	1	885,109	
CITY TOTAL	1	885,109	
STATE TOTAL	1	885,109	
DIST OF COL WASHINGTON DISTRICT OF COLUMBIA DEPARTMENT OF HUMAN SERVICES 1U01 CA50137-01 SCHWARTZ, EUGENE		DATA-BASED INTERVENTION RESEARCH--PUBLIC HEALTH AGENCY	85,039
INSTITUTION TOTAL	1	85,039	
CITY TOTAL	1	85,039	
STATE TOTAL	1	85,039	
LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA 1U01 AI28243-01 MURPHY-CORB, MICHAEL A		DEVELOPMENT OF AN AIDS PROTOTYPE VACCINE USING SIV	1,352,134
INSTITUTION TOTAL	1	1,352,134	
CITY TOTAL	1	1,352,134	
STATE TOTAL	1	1,352,134	
MARYLAND GAITHERSBURG MOLECULAR VACCINES, INC. 1U01 AI28171-01 HOCKMEYER, WAYNE T		VACCINE DEVELOPMENT FOR IMMUNODEFICIENCY VIRUSES	794,476
INSTITUTION TOTAL	1	794,476	
CITY TOTAL	1	794,476	
STATE TOTAL	1	794,476	
MASSACHUSETTS CAMBRIDGE APPLIED BIOTECHNOLOGY, INC. 1U01 AI26507-01AI1 PANICALI, DENNIS L		DEVELOPMENT OF VACCINIA-BASED VACCINES FOR HIV AND SIV	584,424

NIH
COOPERATIVE AGREEMENTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL	1	584,424
CITY TOTAL	1	584,424
STATE TOTAL	1	584,424

BELGIUM		
BRUSSELS		
FREE UNIVERSITY OF BRUSSELS		
1001 AI27136-01A1 BURNY, ARSENE L		
INSTITUTION TOTAL	1	809,939
CITY TOTAL	1	809,939
STATE TOTAL	1	809,939
TOTAL	6	4,511,121

SIV VACCINATION AS A MODEL FOR AIDS VACCINES

809,939

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ARIZONA TUCSON UNIVERSITY OF ARIZONA 1F32 ES05474-01	AZRI, SHANA	ENVIRONMENTAL TOXICOLOGY	28,000
INSTITUTION TOTAL CITY TOTAL	1 1	28,000 28,000	
STATE TOTAL	1	28,000	
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY	CARNEY, MICHAEL J GLAICHENAUS, NICOLAS KHANER, ODED MC CORMACK, CHRISTOPHER A PAGE, SUZANNE C PAUSCH, MARK H POWERS, VINCENT M STAFFORD, JEFFREY A	ORGANIC CHEMISTRY IMMUNOLOGY BIOLOGY PHYSIOLOGY PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY DIETETICS BIOCHEMISTRY ORGANIC CHEMISTRY	20,000 25,200 24,600 24,600 20,000 21,000 20,000 20,000
INSTITUTION TOTAL CITY TOTAL	8 8	175,400 175,400	
DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS 1F32 HD07293-01	LYONS, DAVID M	EXPERIMENTAL AND GENERAL PSYCHOLOGY	21,000
INSTITUTION TOTAL CITY TOTAL	1 1	21,000 21,000	
IRVINE UNIVERSITY OF CALIFORNIA AT IRVINE 1F05 TW04299-01	MORALES, ANDRES	NEUROBIOLOGY	28,012
INSTITUTION TOTAL CITY TOTAL	1 1	28,012 28,012	
LA JOLLA SALK INSTITUTE FOR BIOLOGICAL STUDIES 1F05 TW04244-01	KIKKAWA, USHIRO	BIOCHEMISTRY	28,390

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 NS08632-01	LOCKERY, SHAWN R	NEUROBIOLOGY	20,000
1F05 TW04261-01	MURAKAMI, YOSHIO	REPRODUCTIVE PHYSIOLOGY	27,000
1F32 HD07299-01	WHYTE, DAVID B	BIOLOGY	21,000
INSTITUTION TOTAL	4	96,390	28,000
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1F05 TW04287-01	PASQUINELLI, CLAUDIO	VIROLOGY	
INSTITUTION TOTAL	1	28,000	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1F32 DK08301-01	BRADY, HELEN A	MOLECULAR BIOLOGY	21,000
1F32 NS08660-01	HENRY, RAYMOND T	NEUROBIOLOGY	21,000
1F33 NS08671-01	HEXUM, TERRY D	PHARMACOLOGY	33,000
1F32 GM13188-01	MILLARSKI, KIM L	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	4	95,000	
CITY TOTAL	9	219,390	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F31 GM13009-01	CASTRO, PETER P	MOLECULAR BIOLOGY	11,983
1F32 NS08233-01A1	HOFFMAN, NEIL W	ENDOCRINOLOGY	21,000
1F32 NS08686-01	JORDAN, CYNTHIA L	NEUROBIOLOGY	21,000
1F32 EY06190-01	MARGOLIS, TODD P	IMMUNOLOGY	31,750
1F32 NS08649-01	SCHLINGER, BARNEY A	NEUROBIOLOGY	21,000
1F32 GM13061-01A1	SHAW, JANET M	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	6	126,733	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1F32 HL08074-01	AZUMA, KAY K	PHYSIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	7	146,733	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F32 NS08707-01	GUASTELLA, JOHN	NEUROBIOLOGY	20,000

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA PASADENA			
1F32 NS08673-01	JOHNSON, JANE E	NEUROBIOLOGY	20,000
1F32 NS08642-01	KAPRIELIAN, ZAVEN	NEUROBIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	3	60,000	60,000
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE			29,400
1F05 TW04214-01	RUSSO DE BOLAND, ANA	BIOCHEMISTRY	29,400
INSTITUTION TOTAL CITY TOTAL	1	29,400	29,400
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1F32 HL08082-01	COHEN, D SCOTT	PULMONARY DISEASES	33,000
1F32 DK08359-01	GERMAN, MICHAEL S	MOLECULAR BIOLOGY	31,750
1F32 DK08325-01	GITELMAN, STEPHEN E	ENDOCRINOLOGY	31,750
1F31 NR06322-01	HALL, JOANNE H	NURSING	12,500
1F32 AI07988-01	KIM, KAMI	INTERNAL MEDICINE	30,500
1F31 NR06326-01	LEONARD, VICTORIA W	NURSING	12,500
1F32 DK08311-01	LIDOFFSKY, STEVEN D	PHYSIOLOGY	34,500
1F32 NS08650-01	MASSA, STEPHEN M	NEUROBIOLOGY	30,500
1F32 GM13060-01	MCCREA, PIERRE D	MOLECULAR BIOLOGY	28,000
1F32 HL08035-01	MUSLIN, ANTHONY J	MOLECULAR BIOLOGY	31,750
1F32 DK08324-01	NEUSCHWANDER-TETRI, BRENT A	NUTRITION	31,750
1F31 NR06323-01	STEVENS, PATRICIA E	NURSING	12,500
INSTITUTION TOTAL CITY TOTAL	12	321,000	321,000
STANFORD STANFORD UNIVERSITY			
1F32 HD07226-01	DONOVAN, SHARON M	PEDIATRICS	20,000
1F05 TW04199-01	GUSTAFSSON, LARS L	PHARMACOLOGY	27,000
1F32 EY06195-01	MAKINO, CLINT L	NEUROBIOLOGY	21,000
1F32 NS08695-01	MCEACHERN, ADRIENNE E	NEUROBIOLOGY	20,000
1F32 NS08701-01	PEVSNER, JONATHAN A	NEUROBIOLOGY	20,000
1F32 ES05482-01	SHEN, EMILY S	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL	6	129,000	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	6	129,000	
STATE TOTAL	48	129,935	
COLORADO			
DENVER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1F32 DK08358-01 ALEXANDER, LINDA M			33,000
1F32 DK08329-01 BESESEN, DANIEL H			34,500
1F06 TW01438-01 COOPER, Dermot M			9,450
INSTITUTION TOTAL	3	76,950	
CITY TOTAL	3	76,950	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1F32 NS08445-01A1 DAVIS, LAUREN			20,000
1F33 AR08081-01 GALLANT, ESTHER M			34,500
INSTITUTION TOTAL	2	54,500	
CITY TOTAL	2	54,500	
STATE TOTAL	5	131,450	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1F32 DK08123-01 BASSON, MARC D			34,500
1F05 TW04208-01 GRIMALDI, GABRIEL			28,000
1F32 NS08703-01 LEVITAN, EDWIN S			28,000
1F32 GM13227-01 SANDERS, CHARLES R II			20,000
INSTITUTION TOTAL	4	110,500	
CITY TOTAL	4	110,500	
STATE TOTAL	4	110,500	
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
1F31 NR06343-01 HELVELL, LESLIE H			12,500
INSTITUTION TOTAL	1	12,500	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	12,500	
STATE TOTAL	1	12,500	
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1F31 NR06342-01 1F32 DK08276-01A1	ELDER, JENNIFER H HEMPE, JAMES M	NURSING NUTRITION	12,500 21,000
INSTITUTION TOTAL CITY TOTAL	2	33,500 33,500	
MIAMI UNIVERSITY OF MIAMI 1F32 NS08648-01	STERNAU, LINDA L	PHYSIOLOGY	34,500
INSTITUTION TOTAL CITY TOTAL	1	34,500 34,500	
STATE TOTAL	3	68,000	
GEORGIA ATLANTA EMORY UNIVERSITY 1F05 TW04290-01 1F32 NS08394-01A1	PETHO, GABOR SIMON, TED W	CHEMISTRY NEUROBIOLOGY	
INSTITUTION TOTAL CITY TOTAL	2	47,960 47,960	
AUGUSTA UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA 1F31 NR06359-01	GRAMLING, LOU F	NURSING	27,960 20,000
INSTITUTION TOTAL CITY TOTAL	1	12,500 12,500	
STATE TOTAL	3	60,460	12,500

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY 1F32 NS08661-01	KEIFER, JOYCE N	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
UNIVERSITY OF CHICAGO 1F32 DK08309-01	BARRETT, TERRANCE A	CELL BIOLOGY	31,750
INSTITUTION TOTAL	1	31,750	
UNIVERSITY OF ILLINOIS AT CHICAGO 1F05 TW04245-01 1F31 NR06332-01 1F32 DE05562-01	CARDOZO, MARIO G DOMARAD, BARBARA R DRUZINSKY, ROBERT E	MEDICINAL/PHARMACEUTICAL CHEMISTRY NURSING ANATOMY	26,025 12,500 20,000
INSTITUTION TOTAL	3	58,525	
CITY TOTAL	5	111,275	
EVANSTON			
NORTHWESTERN UNIVERSITY 1F32 EY06197-01 1F32 HD07285-01 1F33 HD07304-01	CHEN, EMILE P CURL, JOAN S LEGAN, SANDRA J	NEUROBIOLOGY BIOCHEMISTRY NEUROBIOLOGY	20,000 21,000 25,519
INSTITUTION TOTAL	3	66,519	
CITY TOTAL	3	66,519	
STATE TOTAL	8	177,794	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA 1F31 NR06337-01 1F32 HL08048-01 1F32 HD07291-01	CORNELL, MARY J QUILLEN, JAMES E WATERS, STEVEN B	NURSING PHYSIOLOGY PHARMACOLOGY	12,500 31,750 20,000
INSTITUTION TOTAL	3	64,250	
CITY TOTAL	3	64,250	
STATE TOTAL	3	64,250	

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AWARDED

FIELD OF INTEREST

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
LOUISIANA NEW ORLEANS LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS 1F32 EY06193-01	CONWAY, MARIANNE D	OPTHALMOLOGY	31,750
INSTITUTION TOTAL	1		31,750
CITY TOTAL	1		31,750
STATE TOTAL	1		31,750
MARYLAND			
BALTIMORE JOHNS HOPKINS UNIVERSITY 1F32 DK08355-01 1F05 TW04305-01 1F32 GM13013-01	HABER, BARBARA A PARDOL-VILLAMIZAR, CARLOS A RICE, KEVIN G	CELL BIOLOGY NEUROBIOLOGY MOLECULAR BIOLOGY	31,750 27,575 21,000
INSTITUTION TOTAL	3		80,325
U.S. VETERANS ADMINISTRATION MEDICAL CENTER 1F35 A108131-01	KARP, CHRISTOPHER L	NEUROBIOLOGY	28,250
INSTITUTION TOTAL	1		28,250
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1F32 NS08669-01 1F05 TW04285-01	ODELL, THOMAS J VILLLEGAS, JUAN	PHYSIOLOGY NEUROBIOLOGY	20,000 27,000
INSTITUTION TOTAL	2		47,000
CITY TOTAL	6		155,575
BETHESDA U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL EYE INSTITUTE			
1F32 EY06180-01 1F32 EY06177-01	BOWMAN, ERIC M SAPERSTEIN, DAVID A	NEUROBIOLOGY MOLECULAR BIOLOGY	19,000 20,000
INSTITUTION TOTAL	2		39,000
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF DENTAL RESEARCH			
1F32 DE05556-01	THOMAS, DAVID A	NEUROBIOLOGY	19,000
INSTITUTION TOTAL	1		19,000

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH 1F15 TW00325-01 1F15 TW00322-01	PERLMANN, PETER H SASISEKHARAN, VISWANATHAN	IMUNOLOGY BIOPHYSICS	39,000 6,000
INSTITUTION TOTAL CITY TOTAL	2	45,000	
		103,000	
COLLEGE PARK UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS 1F06 TW01508-01	MATHER, IAN H	CELL BIOLOGY	33,200
INSTITUTION TOTAL	1	33,200	
CITY TOTAL	1	33,200	
STATE TOTAL	12	291,775	
MASSACHUSETTS BOSTON			
BOSTON UNIVERSITY 1F31 GM13024-01	DUPLAN, IRVINE	EXPERIMENTAL PATHOLOGY	32,800
INSTITUTION TOTAL	1	32,800	
BRIGHAM AND WOMEN'S HOSPITAL 1F32 DK08289-01 1F32 DK08292-01 1F32 HL08096-01	DONOVAN, JOANNE M SHAPIRO, MICHAEL S SOLOMON, SCOTT D	PHYSIOLOGY EXPERIMENTAL PATHOLOGY MOLECULAR BIOLOGY	31,750 34,500 29,250
INSTITUTION TOTAL	3	95,500	
CHILDREN'S HOSPITAL 1F32 AR08080-01	POLLOCK, JENNIFER S	ORTHOPEDIC SURGERY	21,000
INSTITUTION TOTAL	1	21,000	
DANA-FARBER CANCER INSTITUTE 1F32 CA08729-01 1F05 TW04220-01	ALAM, JOHN J CARPEN, OLLI M	ONCOLOGY IMMUNOLOGY	28,000 27,000
INSTITUTION TOTAL	2	55,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOILARS AWARDED
MASSACHUSETTS BOSTON			
MASSACHUSETTS GENERAL HOSPITAL, IF32 DK08330-01 IF05 TW04297-01 IF32 DK08316-01 IF32 GM13131-01 IF32 DK08299-01	BILLER, BEVERLY M CHATTERJEE, KRISHNA K GARDELLA, THOMAS J KASSEL, DANIEL B ZWERLING, HAYWARD K	ENDOCRINOLOGY ENDOCRINOLOGY ENDOCRINOLOGY MOLECULAR BIOLOGY MEDICINAL/PHARMACEUTICAL CHEMISTRY	33,000 27,450 21,000 21,000 31,750
INSTITUTION TOTAL	5	134,200	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. IF32 NS08687-01 IF05 TW04226-01	KRANER, SUSAN D LAHESMAA-RANTALA, RIITTA L M	NEUROBIOLOGY IMMUNOLOGY	20,000 28,200
INSTITUTION TOTAL	2	48,200	
CITY TOTAL	14	386,700	
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY IF32 NS08689-01 IF05 TW04236-01 IF32 EY06121-01A1 IF32 NS08694-01 IF32 EY06189-01 IF32 CA08677-01	KRUBITZER, LEAH A MARCHINI, JULIO S PALLAS, SARAH L RENFRANZ, PATRICIA J RESEK, JOHN F VACCARO, HENRY A	NEUROBIOLOGY NUTRITION NEUROBIOLOGY NEUROBIOLOGY CHEMISTRY ORGANIC CHEMISTRY	20,000 27,000 21,000 20,000 20,000 20,000
INSTITUTION TOTAL	6	128,000	
CITY TOTAL	6	128,000	
NEWTON			
BOSTON COLLEGE 1F31 NR06313-01	CARSON, MARGARET A	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
WOODS HOLE			
WOODS HOLE OCEANOGRAPHIC INSTITUTION IF32 ES05479-01	HAHN, MARK E	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS WORCESTER UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1F05 TW04213-01	MURAKI, KOUTAROU	ENDOCRINOLOGY	27,000
INSTITUTION TOTAL CITY TOTAL	1 1	27,000 27,000	
STATE TOTAL	23	575,200	
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1F32 GM12981-01 1F32 AR08060-01A1	HAARER, BRIAN K KOZARSKY, KAREN F	MOLECULAR BIOLOGY INTERNAL MEDICINE	21,000 21,000
INSTITUTION TOTAL CITY TOTAL	2 2	42,000 42,000	
DETROIT WAYNE STATE UNIVERSITY 1F31 NR06349-01 1F31 NR06364-01 1F32 CA08753-01	BUERHAUS, PETER I MCQUISTON, CHRIS M ZIMMERMANN, BARBARA H	NURSING NURSING BIOCHEMISTRY	12,500 12,500 21,000
INSTITUTION TOTAL CITY TOTAL	3 3	46,000 46,000	
EAST LANSING MICHIGAN STATE UNIVERSITY 1F32 ES05477-01	GARCIA-HOORN, CINDY M	ENVIRONMENTAL TOXICOLOGY	31,750
INSTITUTION TOTAL CITY TOTAL	1 1	31,750 31,750	
STATE TOTAL	6	119,750	
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1F31 NR06327-01	CAMERON, MIRIAM E	NURSING	12,500

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1F32 HL0862-01	MARINELLI, WILLIAM A	PULMONARY DISEASES	33,000
INSTITUTION TOTAL	2	45,500	
CITY TOTAL	2	45,500	
ROCHESTER INDIVIDUAL AWARD--MILLIKAN 1F05 TW04259-01	CLARK PERRY, RICHARD E	PHYSIOLOGY	28,300
INSTITUTION TOTAL	1	28,300	
MAYO FOUNDATION 1F05 TW04209-01	LAHERA, VICENTE	PHYSIOLOGY	26,330
INSTITUTION TOTAL	1	26,330	
CITY TOTAL	2	54,630	
STATE TOTAL	4	100,130	
MISSISSIPPI JACKSON UNIVERSITY OF MISSISSIPPI MEDICAL CENTER 1F32 EY06202-01	MUSIL, SUZANNE Y	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	1	20,000	
MISSOURI SAINT LOUIS ST. LOUIS UNIVERSITY 1F32 DE05542-01 1F32 AR08091-01	BROWNE, CYNTHIA A GERSHAN, LYNN A	IMMUNOLOGY PEDIATRICS	28,000 30,500
INSTITUTION TOTAL	2	58,500	
WASHINGTON UNIVERSITY 1F32 NS08659-01	FITZPATRICK, DOUGLAS C	PHYSIOLOGY	21,000

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1F32 DE05559-01 1F32 NS08688-01	HARRIS, GRACE S TEMPEL, LEE W	MICROBIOLOGY NEUROBIOLOGY	21,000 34,500
INSTITUTION TOTAL CITY TOTAL	3 5	76,500 135,000	
STATE TOTAL	5	135,000	
NEW JERSEY NEWARK UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1F32 NS08680-01	SMEYNE, RICHARD J	NEUROBIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1 1	20,000 20,000	
PRINCETON PRINCETON UNIVERSITY 1F32 HD07173-01A1	SNYDER, LINDA C	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1 1	20,000 20,000	
STATE TOTAL	2	40,000	
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1F32 NS08447-01A1	CARR, JAMES A	NEUROBIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1 1	20,000 20,000	
STATE TOTAL	1	20,000	
NEW YORK ITHACA CORNELL UNIVERSITY ITHACA 1F32 EY06204-01	ERICKSON, JON W	PHARMACOLOGY	20,000

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK ITHACA CORNELL UNIVERSITY	ITHACA FEWTRELL, CLARE M	PHYSIOLOGY	34,500
1F33 DK08291-01			
INSTITUTION TOTAL	2	54,500	
CITY TOTAL		54,500	
NEW YORK CITY UNIVERSITY OF	NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		
1F32 NS08600-01	CASPER, DIANA	BIOCHEMISTRY	21,000
1F33 GM13103-01	MEHLER, ERNEST L	BIOPHYSICS	19,250
INSTITUTION TOTAL	2	40,250	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY	NEW YORK		
1F32 AI08028-01	ARANT, SUZANNE E	PHYSIOLOGY	21,000
1F33 NR06351-01	BARNARD, RUTH M	AGING PROCESS	31,880
1F05 TW04169-01	DE LOS SANTOS, CARLOS R	BIOCHEMISTRY	24,600
1F32 GM13106-01	HAWLEY, RONALD C	ORGANIC CHEMISTRY	20,000
1F32 GM13121-01	PARKER, DAVID T	ORGANIC CHEMISTRY	20,000
1F32 GM13197-01	RIZZO, CARMELO J	ORGANIC CHEMISTRY	20,000
INSTITUTION TOTAL	6	137,480	
ROCKEFELLER UNIVERSITY			
1F32 NS08466-01A1	PEINADO, ALEJANDRO	NEUROBIOLOGY	20,000
1F34 GM13001-01	SEGARRA, ANNABELL	CELL, BIOLOGY	26,900
INSTITUTION TOTAL	2	46,900	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1F32 NS08635-01	GRAVES, BRENT M	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	11	245,630	
SYRACUSE STATE UNIVERSITY OF	NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE		
1F32 NS08681-01	GINGOLD, SCOTT I	ANATOMY	21,000
1F32 NS08705-01	ZEMANICK, MARK C	ANATOMY	21,000
INSTITUTION TOTAL	2	42,000	
CITY TOTAL		42,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK VALHALLA NEW YORK MEDICAL COLLEGE 1F32 HL07916-01A1	BURKE-WOLIN, THERESA M	PHYSIOLOGY	21,000
INSTITUTION TOTAL CITY TOTAL	1	21,000 21,000	
STATE TOTAL	16	363,130	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1F32 NS08691-01	GRUTE, DENISE E	NEUROBIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1	20,000 20,000	
DURHAM DUKE UNIVERSITY 1F32 GM13182-01 1F32 HL08086-01	HAUSDORFF, WILLIAM P SCHWARTZ, LEWIS B	PHARMACOLOGY PHYSIOLOGY	28,000 28,000
INSTITUTION TOTAL CITY TOTAL	2	56,000 56,000	
RESEARCH TRIANGLE PARK U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES 1F05 TW04205-01 1F32 ES05481-01	HE XIAO-PING STEFANSKI, STEVEN A	NEUROBIOLOGY MUTAGENESIS	26,140 31,500
INSTITUTION TOTAL CITY TOTAL	2	57,640 57,640	
STATE TOTAL	5	133,640	
OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1F05 TW04212-01	KAWAI, MITSURU	EXPERIMENTAL PATHOLOGY	27,000
INSTITUTION TOTAL CITY TOTAL	1	27,000 27,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
OHIO COLUMBUS OHIO STATE UNIVERSITY 1F06 TW01437-01A1 1F32 NS08690-01	FETH, LAWRENCE L MC GANN, MONICA J	PSYCHOPHYSICS ENDOCRINOLOGY	9,529 21,000
INSTITUTION TOTAL CITY TOTAL	2	30,529	
STATE TOTAL	3	57,529	
OKLAHOMA OKLAHOMA CITY UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER 1F32 DE05545-01	BANAS, JEFFREY A	MICROBIOLOGY	21,000
INSTITUTION TOTAL CITY TOTAL	1	21,000	
STATE TOTAL	1	21,000	
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1F32 EY06178-01	COULOMBE, JAMES N	DEVELOPMENTAL BIOLOGY	28,000
INSTITUTION TOTAL CITY TOTAL	1	28,000	
STATE TOTAL	1	28,000	
PENNSYLVANIA PHILADELPHIA TEMPLE UNIVERSITY 1F32 HL07949-01A1	MORLEY, DEBORAH L	PHYSIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
THOMAS JEFFERSON UNIVERSITY 1F32 HL08040-01	SLOANE, PETER J	PULMONARY DISEASES	30,500
INSTITUTION TOTAL	1	30,500	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA 1F32 HL08039-01 1F31 NR06335-01 1F31 GM13006-01 1F32 DK08290-01 1F32 HL08038-01 1F32 DK08357-01 1F32 GM13267-01	ABRAMS, CHARLES S BLISS, DONNA Z COBB, INAH FYFE, JOHN C KOLODZIEJ, MICHAEL A MAC LEOD, JAMES N MAYNE, LELAND C	CELL BIOLOGY NURSING MICROBIOLOGY MOLECULAR BIOLOGY CELL BIOLOGY GENETICS BIOPHYSICS	31,750 12,500 29,313 30,500 31,750 30,500 21,000
INSTITUTION TOTAL CITY TOTAL	7 9	187,313 238,813	
PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1F05 TW04317-01 1F33 NR06331-01	BEGOVIC, MIRSADA YURICK, ANN M	IMMUNOLOGY NURSING	28,250 30,651
INSTITUTION TOTAL CITY TOTAL	2 2	58,901 58,901	
STATE TOTAL	11	297,714	
TENNESSEE MEMPHIS UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES 1F06 TW01497-01	BEALLER, STEVEN L	PHYSIOLOGY	10,931
INSTITUTION TOTAL CITY TOTAL	1 1	10,931 10,931	
NASHVILLE VANDERBILT UNIVERSITY 1F32 AR08085-01 1F05 TW04262-01	CHADWICK, CHRISTOPHER C CLARKE, ROBERT J	MOLECULAR BIOLOGY PHARMACOLOGY	29,250 27,700
INSTITUTION TOTAL CITY TOTAL	2 2	56,950 56,950	
STATE TOTAL	3	67,881	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TEXAS			
AUSTIN UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN 1F32 NS08666-01	DODGE, JEFFREY A	ORGANIC CHEMISTRY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON 1F32 HD07290-01	WILLIAMS, CYNTHIA L	PHYSIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER 1F05 TW04204-01	VUORIO, TUULA K	MOLECULAR BIOLOGY	27,000
1F31 GM13004-01	WHITE, MARGARET	MOLECULAR BIOLOGY	11,188
INSTITUTION TOTAL	2	38,188	
CITY TOTAL	3	59,188	
STATE TOTAL	4	79,188	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1F32 AR08090-01	SAWITZKE, ALLEN D	INTERNAL MEDICINE	29,250
1F32 CA08589-01	SPYROPOULOS, DEMETRI D	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	2	49,250	
CITY TOTAL	2	49,250	
STATE TOTAL	2	49,250	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1F05 TW04202-01	GRIGERA, PABLO R	VIROLOGY	26,200
1F05 TW04196-01	L'ALLEMAIN, GILLES	GENETICS	25,400
1F05 TW04253-01	SUAREZ MUNGUA, JORGE P	PHYSIOLOGY	27,000
INSTITUTION TOTAL	3	78,600	
CITY TOTAL	3	78,600	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
VIRGINIA RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY 1F32 NS08638-01 1F33 NS08638-01	ARCHER, PHILLIP W GOGEL, GERMAINE E	PHYSIOLOGY BIOCHEMISTRY	20,000 16,500
INSTITUTION TOTAL CITY TOTAL	2	36,500 36,500	
STATE TOTAL	5	115,100	
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1F31 NR06361-01	YANG, CHUNG Y	EPIDEMIOLOGY	12,500
INSTITUTION TOTAL	1	12,500	
UNIVERSITY OF WASHINGTON 1F05 TW04222-01 1F32 NS08646-01 1F32 NS08639-01 1F05 TW04223-01 1F31 NR06354-01	JARVELLAJAINEN, HANNU T MORTON, MARY E MOODY, ANNA M MUTUS, BULENT SHANNON, SARAH E	EXPERIMENTAL PATHOLOGY GENETICS NEUROBIOLOGY BIOCHEMISTRY NURSING	27,000 20,000 21,000 27,000 12,500
INSTITUTION TOTAL CITY TOTAL	5 6	107,500 120,000	
STATE TOTAL	6	120,000	
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1F31 NR06338-01	VAN Riper, MARCIA L	NURSING	12,500
INSTITUTION TOTAL CITY TOTAL	1 1	12,500 12,500	
STATE TOTAL	1	12,500	
PUERTO RICO SAN JUAN UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES 1F05 TW04269-01	FAGBEMI, BENJAMIN O	PARASITOLOGY	28,230

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1	28,230	
	1	28,230	
STATE TOTAL	1	28,230	
SWITZERLAND ZURICH SWISS FEDERAL INSTITUTE OF TECHNOLOGY 1F34 GM12975-01	JOHNSON, LAWRENCE W	PHYSICAL CHEMISTRY	25,000
INSTITUTION TOTAL CITY TOTAL	1	25,000	
	1	25,000	
STATE TOTAL	1	25,000	
UNITED KINGDOM LONDON UNIVERSITY OF LONDON 1F32 NS08696-01	VOYVODIC, JAMES T	NEUROBIOLOGY	17,000
INSTITUTION TOTAL CITY TOTAL	1	17,000	
	1	17,000	
OXFORD UNIVERSITY OF OXFORD 1F32 NS08675-01	KRITZER, MARY F	ANATOMY	17,000
INSTITUTION TOTAL CITY TOTAL	1	17,000	
	1	17,000	
STATE TOTAL	2	34,000	
TOTAL	193	4,548,656	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1K04 AI00936-01 BARBER, WILLIAM H			43,200
INSTITUTION TOTAL	1	43,200	
CITY TOTAL	1	43,200	
STATE TOTAL	1	43,200	
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1K04 DK01897-01 GEISELMAN, PAULA J 1K11 DK01878-01 SEGAL, ROBERT		HUNGER AND SATIETY PRODUCED BY SIMPLE SUGAR TRANSCRIPTION REGULATION AND CELL DIFFERENTIATION	54,216 76,177
INSTITUTION TOTAL	2	130,393	
CITY TOTAL	2	130,393	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1K11 HL02329-01 COHEN, ROBERT L		PLASMINOGEN ACTIVATORS AND PA INHIBITORS IN MALIGNANCY	80,897
INSTITUTION TOTAL	1	80,897	
CITY TOTAL	1	80,897	
STATE TOTAL	3	211,290	
COLORADO DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER 1K04 AG00441-01 GERHARDT, GREG A		AGE-INDUCED CHANGES IN MONOAMINE PRESYNAPTIC FUNCTION	53,726
INSTITUTION TOTAL	1	53,726	
CITY TOTAL	1	53,726	
FORT COLLINS COLORADO STATE UNIVERSITY 1K11 AI00924-01 JENSEN, WAYNE A		EFFECT OF BOVINE LEUKEMIA VIRUS ON LYMPHOKINE EXPRESSION	48,458 48,458
INSTITUTION TOTAL	1	48,458	
CITY TOTAL	1	48,458	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	2	102,184	
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1K11 HL02306-01	SPIGELMAN, ZACHARY S	ROLE OF TISSUE SPECIFIC PRE-MRNA SPLICING IN BAND FOUR	85,688
INSTITUTION TOTAL CITY TOTAL	1	85,688	
STATE TOTAL	1	85,688	
GEORGIA ATLANTA EMORY UNIVERSITY 1K04 CA01441-01	DOETSCH, PAUL W	RADIATION-INDUCED DNA DAMAGE AND REPAIR IN EUKARYOTES	50,984
INSTITUTION TOTAL CITY TOTAL	1	50,984	
STATE TOTAL	1	50,984	
IOWA IOWA CITY UNIVERSITY OF IOWA 1K08 HL02198-01A1 1K08 NS01362-01 1K04 NS01369-01	DELLSPERGER, KEVIN C GRAY, STEVEN D PERLMAN, STANLEY	EFFECTS OF HYPERTENSION ON THE CORONARY CIRCULATION BASEMENT MEMBRANE ZONE IN VOCAL INJURY ANTIBODY-MODULATED DEMYELINATION	64,800 64,800 54,000
INSTITUTION TOTAL CITY TOTAL	3	183,600	
STATE TOTAL	3	183,600	
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1K08 NS01360-01 1K08 NR00021-01 1K08 DK01885-01	COLE, ANDREW J DENNIS, KAREN E KONE, BRUCE C	TRANSCRIPTION FACTOR GENE EXPRESSION FOLLOWING LTP SELF-DIRECTED STRATEGIES FOR WEIGHT LOSS & MAINTENANCE STRUCTURE-FUNCTION ANALYSIS OF NA/K-ATPASE ISOFORMS	64,264 64,800 74,546
INSTITUTION TOTAL CITY TOTAL	3	203,610	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	3	203,610	
MASSACHUSETTS			
BOSTON BETH ISRAEL HOSPITAL 1K11 HL02288-01	ROSENBERG, HELENE F	CARDIOTOXICITY OF EOSINOPHIL GRANULE CATIONIC PROTEINS	68,900
INSTITUTION TOTAL	1	68,900	
BRIGHAM AND WOMEN'S HOSPITAL 1K08 HL02311-01 1K04 HD00862-01A1 1K08 HL02154-01A1	KROLL, MICHAEL H LU, CHRISTOPHER Y MENDELSOHN, MICHAEL EDWARD	VON WILLEBRAND FACTOR-INDUCED PLATELET ACTIVITY DOCOSAHEXANOIC ACID & REGULATION OF FETAL HOST DEFENSE ENDOTHELIAL-DERIVED RELAXING FACTOR & PLATELET FUNCTION	66,123 55,322 66,122
INSTITUTION TOTAL	3	187,567	
CHILDREN'S HOSPITAL 1K08 DK01848-01A1	LENCER, WAYNE I	TRANSEPITHELIAL TARGETING OF CHOLERA TOXIN	74,304
INSTITUTION TOTAL	1	74,304	
MASSACHUSETTS GENERAL HOSPITAL 1K11 AI00929-01 1K11 AI00917-01 1K11 HL02277-01	KURITZKES, DANIEL R MILLER, SAMUEL I YOUSSOUFIAN, HAGOP	HIV EPITOPES RECOGNIZED BY CYTOTOXIC T LYMPHOCYTES BACTERIAL GENETICS MOLECULAR PATHOGENESIS OF SALMONELLA BIOGENESIS OF THE RED CELL MEMBRANE AND CYTOSKELETON	63,883 76,811 68,295
INSTITUTION TOTAL	3	208,989	
CITY TOTAL	8	539,760	
STATE TOTAL	8	539,760	
MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1K04 AI00934-01	PINTEL, DAVID J	MOLECULAR AND GENETIC ANALYSIS OF MVM GENE EXPRESSION	54,000
INSTITUTION TOTAL	1	54,000	
CITY TOTAL	1	54,000	
SAIN T LOUIS WASHINGTON UNIVERSITY 1K08 NS01335-01	ALTMAN, DENNIS I	PETT IN CEREBROVASCULAR DISORDERS OF NEWBORN INFANT	60,268
INSTITUTION TOTAL	1	60,268	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1	60,268	
STATE TOTAL	2	114,268	
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY	NEW BRUNSWICK		
1K04 CA01401-01	YARMUSH, MARTIN L	DYNAMICS OF ANTIGEN-ANTIBODY INTERACTIONS	53,698
INSTITUTION TOTAL	1	53,698	
CITY TOTAL		53,698	
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY	ROBERT WOOD JOHNSON MEDICAL SCHOOL		
1K11 DE00203-01A2	GRUNWERTH, BARRY	OROFACIAL PAIN PATHWAYS	74,419
INSTITUTION TOTAL	1	74,419	
CITY TOTAL	1	74,419	
STATE TOTAL	2	128,117	
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY-COLUMBIA UNIVERSITY	NEW YORK	SOCIAL INFLUENCES ON CHILD DEVELOPMENT	47,346
1K04 HD00872-01	RAUH, VIRGINIA A		
INSTITUTION TOTAL	1	47,346	
ROCKEFELLER UNIVERSITY			
1K11 EY00305-01	SZAPIEL, SUSAN V	ANALYSIS OF CONNECTIVITY IN STRIATE CORTEX	50,269
INSTITUTION TOTAL	1	50,269	
YESHIVA UNIVERSITY			
1K08 DK01894-01	DANOFF, ANN	TRANSLATIONAL REGULATION OF PREPROSOMATOSTATIN	76,896
INSTITUTION TOTAL	1	76,896	
CITY TOTAL	3	174,511	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1K04 NS01340-01	YEH, HERMES H	MORPHOPHYSIOLOGY OF PEPTIDES IN MAMMALIAN CNS	49,248
INSTITUTION TOTAL	1	49,248	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1	49,248	
STATE TOTAL	4	223,759	
NORTH CAROLINA			
DUKE UNIVERSITY 1K04 GM00537-01	JOHNSTON, STEPHEN A	MOLECULAR MECHANISMS OF TRANSCRIPTIONAL REGULATION	52,358
INSTITUTION TOTAL	1		
CITY TOTAL	1	52,358	
STATE TOTAL	1	52,358	
OHIO			
CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1K08 HL02234-01	TOSI, MICHAEL F	ELASTASE CLEAVAGE OF PSEUDOMONAS OPSONINS IN CF	64,368
INSTITUTION TOTAL	1	64,368	
CITY TOTAL	1	64,368	
STATE TOTAL	1	64,368	
PENNSYLVANIA			
HERSHEY PENNSYLVANIA STATE UNIVERSITY 1K08 HL02289-01	MILTON S. HERSHY MEDICAL CENTER WIEGAND, LAUREL	SLEEP APNEA--MUSCULAR CONTROL OF PHARYNGEAL PATENCY	64,990
INSTITUTION TOTAL	1	64,990	
CITY TOTAL	1	64,990	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA 1K08 HD00855-01A1	HEIDENREICH, RANDALL A	RECOMBINANT DNA INVESTIGATION OF GALACTOSEMIA	64,800
INSTITUTION TOTAL	1	64,800	
HAHNEMANN UNIVERSITY 1K08 NS01364-01	ROELTGEN, DAVID P	NEUROPSYCHOLOGICAL MODEL OF DEVELOPMENTAL AGRAPHIA	74,736
INSTITUTION TOTAL	1	74,736	
CITY TOTAL	2	139,536	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	3	204,526	
TENNESSEE MEMPHIS ST. JUDE CHILDREN'S RESEARCH HOSPITAL 1K08 CA01429-01		CSF-1 RECEPTOR TYROSINE KINASE	62,381
INSTITUTION TOTAL	1	62,381	
CITY TOTAL	1	62,381	
NASHVILLE MEHARRY MEDICAL COLLEGE 1K14 HL02334-01	MCGINNIS, ETHELEEN	CLONING OF THE INVASIVENESS GENE FROM BARTONELLA BACILLI	56,087
INSTITUTION TOTAL	1	56,087	
CITY TOTAL	1	56,087	
STATE TOTAL	2	118,468	
TEXAS HOUSTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS 1K08 HL02292-01 1K04 HL02305-01	OELBERG, DAVID G PRESSLEY, THOMAS A	HEALTH SCIENCE CENTER AT HOUSTON ION TRANSPORT BY PULMONARY EPITHELIAL MEMBRANE VESICLES ANALYSIS OF CARDIAC GLYCOSIDE AFFINITY IN CULTURED CELLS	54,000 54,691
INSTITUTION TOTAL	2	108,691	
CITY TOTAL	2	108,691	
SAN ANTONIO UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS 1K15 DE00249-01A1	SCHMITZ, JOHN P	HEALTH SCIENCE CENTER AT SAN ANTONIO CELLULAR MECHANISMS OF CRANIAL NONUNION FORMATION	61,958
INSTITUTION TOTAL	1	61,958	
CITY TOTAL	1	61,958	
STATE TOTAL	3	170,649	
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1K04 NS01344-01	FOREHAND, CYNTHIA J	INNERVATION OF TARGET - IDENTIFIED SYMPATHETIC NEURONS	56,203
INSTITUTION TOTAL	1	56,203	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1	56,203	
STATE TOTAL	1	56,203	
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1K04 NS01373-01	MOODY, SALLY A	NEURONAL LINEAGE DETERMINANTS IN EMBRYOS	53,136
INSTITUTION TOTAL	1	53,136	
CITY TOTAL	1	53,136	
STATE TOTAL	1	53,136	
TOTAL	42	2,606,168	



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